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Historical Wildland Firefighter Fatalities 1910 - 1996



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Historical Wildland Firefighter Fatalities 1910-1996

prepared by
National Wildfire Coordinating Group Safety and Health Working Team

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This data is an attempt to document historical wildland fire fatalities from the many different wildland fire management agencies. This report has been cross-referenced with the National Fire Protection Association and organized in the same seven reporting categories.

This second edition includes 54 additional fatalities and many corrections to the original data in the 1993 document. It also includes 1994, 1995 and 1996 fatality information. Each time this data is shared with fire managers it is updated with new entries and better information. We hope that this document remails dynamic in its changes and continues to be used for training and safety purposes.

This data is available at http://fwspceaa.nifc.r9.fws.gov/~olson/pms/pms.html

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Additional copies of this publication may be ordered from: National Interagency Fire Center, ATTN: Great Basin Cache Supply Office, 3833 S. Development Ave., Boise Id 83705. Order: NFES #1849.

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FIRE FATALITY INFORMATION

| Cause | Number | Percent of Group | Percent of Total |
|------------------------------------|--------|------------------|------------------|
| Fire Related (Entrapments) | | | |
| Overrun | 319 | 78 | |
| Backfire | 8 | 2 | |
| Spot Fire | 36 | 9 | |
| Sleeping on Fireline | 4 | 1 | |
| Equipment Operations | 23 | 6 | |
| Separated from Crew | 10 | 2 | |
| Prescribed Fire | 7 | 2 | |
| Fire Related (Entrapments) Totals | 407 | 100 | 58 |
| Miscellaneous Injury Related | | | |
| Electrocution | 7 | 26 | |
| Drowned | 3 | 11 | |
| Fell into Fire | 1 | 4 | |
| Aspyxiation | 2 | 8 | |
| Unknown | 6 | 23 | |
| Toxic Chemical Contact | 2 | 8 | |
| Training | 3 | 12 | |
| Equipment related | 2 | 8 | |
| Miscellaneous Injury RelatedTotals | 26 | 100 | 4 |
| Vehicle Related | | | |
| Responding to Fire | 29 | 39 | |
| Returning from Fire | 6 | 8 | |
| Struck by Vehicle | 6 | 8 | |
| Equipment rollover on fire | 21 | 28 | |
| Collision with Train | 4 | 5 | |
| Riding on Apparatus | 9 | 12 | |
| Vehicle Related Totals | 75 | 100 | 11 |
| Natural Activity Related | | | |
| Natural Activity | 1 | 100 | |
| Natural Activity Related Totals | 1 | 100 | 0.1 |

| Medical or Sickness Related | | | |
|------------------------------------|-----|-----|-----|
| Heart Attack | 72 | 90 | |
| Stroke | 3 | 4 | |
| Pheumonia | 1 | 1 | |
| Heat Stroke | 3 | 4 | |
| Embolism | 1 | 1 | |
| Medical or Sickness Related Totals | 80 | 100 | 11 |
| Aircraft Accident Related | | | |
| Aircraft Accident | 60 | 100 | |
| Aircraft Accident Related Totals | 62 | 100 | 13 |
| Inflicted Injury Related | | | |
| Rolling Rocks | 1 | 5 | |
| Snag | 19 | 86 | |
| Snag Felling | 2 | 9 | |
| Inflicted Injury Related Totals | 22 | 100 | 3 |
| Total Fatalities | 699 | | 100 |

FATALITY TYPES

| DATE | FIRE NAME / LOCATION | No. | AGENCY | FIRE BEHAVIOR OBSERVED | REMARKS |
|------|--|-----|---------|--|--|
| 1910 | Coeur d'Alene St. Joe. ID | 72 | USFS | Dry fuels and lightning followed by strong winds caused massive firestorms and rapid runs. | Seven large crews were overrun with no access, communication, and little equipment available. |
| 1910 | Cabinet NF | 4 | USFS | | Four men panicked in an entrapment situation, ran uphill out of a rock slide being used as a safety zone. |
| 1910 | Pend Oreille NF | 2 | USFS | Same as above. | Two men ran into the flames. Witnesses said they appeared disoriented by smoke. |
| 1926 | King's Canyon Toiyabe NF, CA | 5 | USFS | Unanticipated downslope winds on lee side of 'Sierras pushed fire into second growth with brush. | Firefighters had gone downhill for water and were trapped on the road when the wind changed. |
| 1929 | Dollar Mt. Colville NF, WA | 1 | USFS | Sudden wind change in relatively light fuels. | Firefighter tried to outrun fire uphill. |
| 1931 | Coffee Mill Mariposa Ru, CA | 3 | CDF | Unknown | |
| 1933 | Kamus Burn Okanagon NF, WA | 2 | USFS | Fire in light fuels and wind changed direction. | Firefighters tried to outrun fire but failed. |
| 1933 | Griffith Park, CA | 25 | Other | Fire burned in light chaparral near Griffith Park. Winds shifted. | Firefighters tried to run to safety. 128 injured. |
| 1935 | Western Orange Co., CA | 1 | CDF | Unknown | Vehicle accident on the way to a fire. |
| 1936 | Chatsworth, NJ | 5 | Other | Wind shift in grass and trees. | Backfire operation. |
| 1937 | Blackwater Shoshone NF, WY | 15 | USFS | Sudden wind caused fire to blow up in heavy douglas-fir reburn. | Firefighters went in from top toward spot fire. Part of the crew found safety on a rock point. |
| 1937 | Welcome Lake Huron NF, MI | 1 | USFS | Early spring fire, strong, dry winds from west. Fire crowned in jack pine and plantation. | CCC foremen was pulling his crew out when it started to crown. He was looking for 2 of his people, died within 100 feet of safety. |
| 1938 | Pepper Run, PA | 8 | Other | Fire burning in mix hardwood on fairly steep slope. Wind shifted and cross fireline below. | Squad boss told firefighters to run for safety. All ran uphill and were caught by fire. 134 acres. |
| 1939 | Rock Creek, Humboldt Toiyabe NF, CA | 5 | USFS | Sagebrush and grass fire made an unanticipated run upslope. | Five CCC firefighters from Paradise Camp died near the head of Rock Creek. |
| 1939 | Bixby Mt. Carmel, CA San Benito-Monterey Ru | 1 | CDF | Unknown | Died of burns. Calandra lookout was named for him. |
| 1940 | Silver Plume, Lincoln NF, NM | 1 | USFS | Sudden wind change and fire flared up. | Firefighter sleeping outside fireline. |
| 1941 | Kawailoa, HI | 2 | Other | Flashy fuels and the winds changed. | Two firefighters were unable to gain safety in thick staghorn fern. |
| 1942 | Weed Siskiyou Ru, CA | 1 | CDF | Truck fire. | Firefighter was run over by a vehicle at a truck fire in woods. |
| 1943 | Williams Hills Los Padres NF, CA | 1 | USFS | Fire made a run in chamise and buckwheat. | Dozer operator was building line in advance of fire. Dozer threw a track, operator was overrun. |
| 1943 | Burley Dist. I2 Rogerson, ID | 2 | Unknown | Running brush fire. | Two firefighters trapped at head of the fire. |
| 1943 | Hauser Creek Cleveland NF, CA | 11 | USFS | Sudden wind shift under Santa Ana conditions. Maximum wind 8mph SW. | Crew of Marines caught in small canyon on main Hauser Creek (72 injuries). |
| 1943 | Sweetwater Canyon San Benito-Monterey Ru, CA | 1 | CDF | Unknown | Died of burns. |
| 1944 | Hot Spring, Payette NF ID | 1 | USFS | Unknown | Man found in sitting position on trail, fire had burned around him. Suspected heart attack or other health problem. |
| 1945 | San Benito-Monterey Ru Near Calandra Lookout-Williams Canyon, CA | 1 | CDF | Unknown | Died of burns. Body not found until 1946. |

| 1945 | San Diego Ru, CA | 1 | CDF | Unknown | Died as a result of injuries sustained at a fire. He was talking with dozer operator, caught his pants in the tracks and was pulled between the tracks and fender. |
|------|--|----|--------------|---|--|
| 1946 | Council, ID | 1 | USFS | Unknown | Jumper fatality. Was killed by snag. 7-5-46 |
| 1946 | San Luis Obispo Ru, CA | 1 | CDF | Unknown | Died as a result of an engine rollover in fire. |
| 1947 | Bryant Canyon Angeles NF, CA | 2 | USFS | Spot fire below men burned upslope, trapping men in unburned fuel. | Burning rat ran out of main fire into brush. Spot fire spread uphill under men. |
| 1948 | Barrett Dam, Cleveland NF, CA | 1 | USFS | Winds changed at night from SW to east and fire flared up. | Firefighter was separated from his crew. |
| 1949 | Walton Spur, Stanislaus NF, CA | 1 | USFS | Swirling winds in light fuels in Tuolumne River Canyon. | Dozer operator trapped above fire. |
| 1949 | Warm Springs, Payette NF, ID | 1 | USFS | Unanticipated strong winds caused flareup. | Firefighter dropped behind crew to eat lunch and was trapped. |
| 1949 | Hells Canyon, Payette NF, ID | 1 | USFS | Fire fanned by high winds. | Firefighter stumbled and fell into fire. |
| 1949 | Mann Gulch Helena NF, MT | 13 | USFS | Rapid spread in light fuels burned upslope. Hot dry weather. | Smokejumpers jumped into unburned basin and fire hooked below them. Most firefighters failed to use burned area and were overrun. |
| 1949 | Oroville, Butte Ru, CA | 3 | CDF | Unknown | Killed while responding to a fire. Vehicle Accident. |
| 1949 | Napa Ru, CA | 1 | CDF | Unknown | Died of heart attack. |
| 1950 | Cleveland NF, CA | 1 | CDF | Trabucco Road | Fire took off from below, one firefighter made it to safety. |
| 1950 | Orange Ru, CA | 1 | CDF | Unknown | Died of asphyxiation. |
| 1950 | Pelitor Fire San Luis Obispo Ru, CA | 1 | CDF Other | Unknown | One CDF firefighter and three soldiers died of burns. |
| 1952 | Glenville Dist.AR | 1 | Other | Sagebrush and grass, high winds, high FDR, and homes threatened. | Individual firefighter fell in exhaustion in the fire's path. |
| 1952 | Morrell Fire, Riverside Ru, CA | 1 | CDF | Unknown | Died of burns. |
| 1952 | Old Camp Fire, Orange Ru, CA | 1 | CDF | Unknown | Died of burns. |
| 1953 | Rattlesnake Mendocino NF, CA | 15 | USFS | Unanticipated evening downslope wind. Local Fire Behavior | Part of the crew trapped during lunch break on a spot fire. Tried to outrun fire downhill. |
| 1953 | Bonnie Blue, VA | 1 | Other | Fire burned rapidly up a steep slope. | Firefighter became separated from the crew. |
| 1953 | Tulare Ru, CA | 1 | CDF | Unknown | Died of heart attack while dispatching. |
| 1953 | Hill Ranch, El Dorado Ru, CA | 1 | CDF | Unknown | Died of heart attack on fire. |
| 1953 | Little Ti Fire, CA | 1 | L.A. County | Unknown | Chief of L.A. Fire Dept. killed responding to fire. |
| 1954 | Tunnel No. 6, Tahoe NF, CA | 3 | USFS | Mono (dry east) winds caused a flareup at night. | Firefighters were sleeping in unburned area at edge of fire. |
| 1954 | Gap Creek, TN | 3 | Other | Strong wind pushed upslope and it crowned. | Firefighters were caught on slope above fire. |
| 1954 | Sugar Loaf Fire Calaveras Ru, CA | 1 | CDF | Unknown | Died when dozer rolled over. |
| 1954 | San Benito Ru, CA | 1 | CDF | Unknown | Died when engine was struck by train. |
| 1954 | Tulare Ru, CA | 1 | CDF | Unknown | Died as a result of contact with toxic chemicals on wildland fire. |
| 1955 | Brickyard, NJ | 1 | Other | Spot fire in woods. | Fire surrounded driver, he burned to death along Turner's Road. |
| 1955 | Sagebrush Malheur NF, OR | 1 | USFS | Fire was being mopped up in sage and grass. Drafts from a cumulus cloud caused winds. | Firefighter was separated from his crew and tried to outrun fire uphill. Remainder of crew reached a safety zone. |
| 1955 | Hacienda, CA | 5 | Other | Light fuel, high temp., low RH and unstable. | Foreman and crew were in bowl-like area when flashover occurred. |
| 1955 | Johnson Fire, Prescott, AZ | 1 | Unknown | Fire Danger Rating "Extreme," and fire made run in light fuels. | Firefighter tried to outrun fire uphill. |
| 1956 | Inaja, Cleveland NF, CA | 11 | USFS | Upslope winds in pm when Santa Ana winds ceased. Fire ran uphill. | Crew working on indirect line in steep canyon. Fire hooked under them before they could reach safety. |
| 1956 | East Highlands San Bernadino NF, CA | 1 | USFS | Upslope wind in light fuel after Santa Annas tapered off at night. | Dozer operator trapped before he could reach safety. |

| 1956 | Beegum Fires, Shasta, CA | 4 | CDF | Unknown | Died in vehicle accident returning to station from fire. |
|------|---|---|-------------|---|--|
| 1956 | Humboldt Ru, CA | 1 | CDF | Unknown | A cook died of a heart attack while on duty. |
| 1956 | Sonoma Ranger Unit, CA | 1 | CDF | Unknown | Died of heart attack. |
| 1958 | Shasta Ru, CA | 1 | CDF | Unknown | Died of electrocution. |
| 1958 | Albert Ranch, Angeles NF, CA | 1 | USFS | Minor flareup as wind changed at night. | Firefighter trapped ahead of fire. |
| 1958 | Stewart Cleveland NF, CA | 1 | USFS | Minor flareup in chaparral under weakening Santa Ana conditions. | Firefighter scouting in brush ahead of fire. |
| 1959 | Decker Cleveland NF, CA | | USFS CDF | Downslope afternoon wind stopped and fire came upslope in early evening. | District Ranger and five men on state highway when fire came upslope, caught them in the open. |
| 1959 | Gun, Angeles NF, CA | 1 | USFS | Minor flareup. Fire in front country canyon. Winds changed. | Firefighter was laying hose uphill and was caught by fishhook. |
| 1959 | Dry, Sequoia NF, CA | 1 | USFS | Unexpected downslope afternoon wind on east facing slope. | Two firefighters were returning after going downhill for water. Fire came down hill and trapped them there. |
| 1959 | Pennington, TX | 1 | Other | High winds in grassy fuels. | Man on grader got in front of head of fire and was killed. |
| 1959 | San Luis Obispo Ru, CA | 1 | CDF | Unknown | Died of burns. |
| 1959 | Stable Fire, San Bernardino N.F., CA | 1 | Unknown | Very hot, dry, unstable atmosphere. | Tried to outrun fire but apparently had a heart attack. |
| 1959 | Butte Ru, CA | 1 | CDF | Unknown | Died after a heart attack, just finishing his shift at fire. |
| 1959 | Scott Fire, El Dorado Ru, CA | 1 | CDF | Unknown | Killed by a rolling rock. |
| 1959 | Sequoia NF Tule River RD, CA | 1 | USFS | Unknown | Aircraft crash. Fire in canyon between rock bluffs. Pilot volunteered to dive low and drop in hazardous condition. |
| 1959 | Woodwardia Fire, CA | 2 | Unknown | Unknown | Airtanker dropped killing Native American crew members. |
| 1960 | Cummings Creek Umatilla NF, OR | 1 | USFS | Unexpected wind change in light fuel on ridge. | Firefighter dropped behind and couldn't keep up with the crew. Fire flared up below them. |
| 1960 | Silver City, NC | 1 | Other | Fire in grass. | Firefighter burned to death while attempting to put out grass fire. |
| 1960 | FL | 1 | Other | Light fuels and unanticipated wind change. | Two people in jeep, one ran to safety. |
| 1960 | Lumberyard Fire Orange Ru, CA | 1 | CDF | Unknown | Died of pneumonia contracted on the fire. |
| 1960 | Sequoia NF, CA Tule Indian Res. | 1 | CDF | Unknown | Aircraft crash. Airtanker came over ridge for drop and clipped ridge. Reservation protection provided by USFS. |
| 1960 | Siskiyou NF, OR | 1 | USFS | Unknown | Snag fell on firefighter. |
| 1960 | Millard Fire, Angeles N.F., CA | 1 | Unknown | Unknown | AT 6 Airtanker crashed killing pilot. |
| 1961 | Higgins Ridge, UT | 1 | Utah State | Unknown | Walked into main rotor. |
| 1961 | Clearwater NF, ID | 1 | USFS | Unknown | Firefighter killed by snag. |
| 1961 | Sierra, Angeles NF, CA | 1 | USFS | Sudden, unanticipated wind change. | Firefighter unable to gain safety in time. |
| 1961 | Silver Creek, Nez Perce NF, ID | 2 | USFS | Fire spotted in extremely steep terrain light fuel under gusty winds near bottom of fire. | Crew went to a chute above spot fire, all except two left chute when danger was obvious. |
| 1961 | Los Posadas, Napa Ru, CA | 1 | CDF | Gasoline used at the fire station remained on clothing. | Died of burns on wildland fire. |
| 1961 | Sequoia NF, CA Cannell Mdw RD | 3 | USFS | Unknown | Helicopter crash (Bell 3-GB). Ship on reconaissance of fire, returned to base due to lack of fuel. |
| 1962 | Timberlodge Sierra NF, CA | 4 | USFS | Hot, dry, unstable atmosphere and light fuels. | Tornado-like action from air tanker vortices probably caused fire to blow up and trapped firefighters. |
| 1962 | Lassen-Modoc Ru, CA | 1 | CDF | Unknown | Died of heart attack. |
| 1963 | Susanville-Lassen-Modoc, CA | 1 | CDF | Unknown | Died of heart attack. |
| 1963 | GA | 1 | Other | Escaped control burn. | Firefighter overcome by smoke and/or coronary. |

| 1963 | Mt. Bullion-Madera Mariposa Ru, CA | 1 | CDF | Unknown | Died of electrocution. |
|------|---------------------------------------|----|--------------------|--|---|
| 1964 | Coyote, Los Padres NF, CA | 1 | USFS | Downslope wind through saddle in early afternoon. | Firefighters panicked and ran to lower part of saddle where temperature and carbon monoxide concentrations were too high. |
| 1964 | Joshua Falls, VA | 1 | Other | Fire burned up draw toward firefighters. | A firefighter apparently refused to follow boss and was killed by heat. |
| 1964 | Don Pedro Fire, Tuolumne Ru, CA | 1 | CDF | Unknown | Died of burns. |
| 1964 | San Bernadino Ru, CA | 1 | CDF | Unknown | Engine collided with a train responding to wildland fire. |
| 1964 | Tulare Ru, CA | 1 | CDF | Unknown | Died of heart attack while dispatching. |
| 1965 | Eldorado NF, CA | 1 | USFS | Unknown. Occurred during nightshift. | Firefighter died of asphyxiation. Was staying warm in vehicle. |
| 1965 | Santa Clara Ru, CA | 1 | CDF | Unknown | Died of heart attack. |
| 1965 | Helker, NC | 1 | Other | Wind speed increased, burning in sedge. | Man helping in control burn,caught in wire fence and burned. |
| 1965 | Kyle Fire Riverside Ru, CA | 1 | CDF | Unknown | |
| 1965 | Fairview Hollow, KY | 3 | Other | Fire in light fuels on steep slope. | Firefighters overrun by fire on steep slope. |
| 1965 | McCall, ID | 2 | USFS | Unknown | A jump plane crashed with spotter and pilot aboard. Occurred on a paracargo run after jumpers were dropped. |
| 1965 | Liebre Fire, Angeles N.F., CA | 1 | L.A. County | Unknown | L.A. Captain died setting backfire to save engine crew. |
| 1966 | Loop, Angeles NF, CA | 12 | USFS | Unanticipated upslope wind in afternoon after Santa Ana winds stopped. | Crew cutting handline downhill in a chimney and part of the crew was unable to reach safety. |
| 1966 | Fairbanks, AK. | 1 | BLM | N/A | Smoke jumper strangled during let-down after practice jump. |
| 1967 | Balliff, San Bernadino NF, CA | 1 | USFS | Flareup at night in light fuel on steep slope. | Firefighter fell trying to escape flareup. |
| 1967 | Sundance, Kootenai NF,MT | 2 | USFS | Fire blew up and made major run toward north under strong wind conditions. | Dozer operator and firefighter were ahead of fire and overrun. They tried to hide under the blade. |
| 1967 | Slaughter Apache NF, AZ | 1 | USFS | Fire became intense in precommercial thinning slash. | Incident Commander tried to outrun fire and couldn't hear warning calls from crew on road. |
| 1967 | Windsor, SC | 1 | Other | Weather dry and windy. Fire was moving fast and erratic in pine. | Firefighter trapped by fast moving head fire in dense smoke. |
| 1967 | MI | 1 | Other | Small fire, flashy fuels and gusty winds. | Firefighter lost backfire. Died of wounds 3 days later. |
| 1967 | Range, KS | 1 | Other | Fire in dense grass. | Firefighter panicked and tried to outrun fire. |
| 1967 | Ginnis Lake WI, DNR | 1 | State | Red pine plantation and oak near lake. | One man on tractor with plow was on a spot fire ahead of the main fire and was caught by fire. |
| 1967 | San Benito Monterey Ru, CA | 1 | CDF | Unknown | Died in dump truck accident. |
| 1967 | Livengood, AK. | 2 | BLM Contractors | Unknown | B-25 crash due to late pull-out during retardant drop on fire. |
| 1968 | Sonoma Ru Briggs Crk, CA | 1 | CDF | Unknown | Died in a vehicle accident. Engine rolled over. |
| 1968 | Canyon Angeles NF, CA | 8 | USFS | Santa Ana weakened and unanticipated wind pushed fire upslope in late morning. | Firefighters tried to outrun fire uphill after flareup in brush below them. |
| 1968 | NC | 1 | PVT. | Unknown | A county ranger was suppressing fire. Died of third degree burns. |
| 1968 | Ivey, FL | 1 | Unknown | Heavy wiregrass. Unanticipated wind. | Dozer caught on stump. Operator overrun by fire. |
| 1968 | North Carolina #2, NC | 1 | Other | Unknown | Man, age 84, tried to beat fire with pine tops. Clothes caught fire, was dead when found. |
| 1968 | Riverside Ru, CA | 1 | CDF | Unknown | Died of heart attack. |
| 1968 | Williams, Coronado NF, AZ | 1 | USFS | High temps, local gusty winds, cumulus clouds near the fire. | Burned trying to outrun fire. |

| 1968 | McGrath, AK. | 4 | BLM and contractors | Unknown | PB4Y2 air tanker crash enroute to fire after reload. (Three crew persons and one BLM observer killed.) |
|------|---|---|---------------------|--|---|
| 1969 | Campbell Crk. Butte Ru, CA | 1 | CDF | Unknown | Died in a vehicle accident. Engine rolled over. |
| 1970 | Shasta-Trinity NF, CA | 1 | USFS | Unknown | Smokejumper fatality. |
| 1970 | McGrath, AK. | 5 | BLM contractors | N/A | Four BLM firefighters and co-pilot killed when overloaded DC-3 had an engine failure and crashed during takeoff-22 survived crash, but were seriously injured. |
| 1971 | Banning (also known as Mack 2) San Bernadino NF, CA | 1 | USFS | Fire ran upslope in early evening. | Member of engine crew was laying hose downhill from road at night. |
| 1971 | Hog | 1 | Other | Unknown | National Guard drowned while swimming in river near fire camp. |
| 1971 | Eagle Rock, VA | 1 | Other | Reburn in rhododendron. Steep slope. | Three men were felling snags and were trapped by fire. |
| 1971 | Banks, AR | 1 | Other | Medium fuels, mod. winds, very high FDR. | Man was knocked unconscious by falling tree. He fatally burned. |
| 1971 | Romero Los Padres NF, CA | 4 | USFS | Strong "sundowner" (Santa Ana) wind pushed fire downhill in the evening as expected. | Dozer operator and three firefighters burned to death as they hurried downhill. |
| 1971 | Lake Minchumina, AK. | 1 | BLM | Unknown | Firefighter struck by main rotor while exiting helicopter after emergency landing due to engine failure. |
| 1972 | Harris Ridge, ID | 2 | Other | Steep, rocky terrain, dry fuels and thunderstorms caused squirrelly winds. | Two men on fireline. A rolling log hit them and they rolled into the fire, dying of suffocation. |
| 1972 | Warthog Morgan Co., TN | 1 | Other | Small 24 ac. fire. Wind gusts 20-25 mph. Fire crossed plowed line. | Plow operator trapped and suffocated on bench on upper side of fire. |
| 1972 | Mud Springs Fire Mendocino Ru, CA | 1 | CDF | Unknown | Crew supervisor died of heart attack on the fire. |
| 1972 | Burnt Ridge Fire | 1 | Unknown | Unknown | Heart attack, firefighter collapsed on the fireline. |
| 1972 | Bear Fire Las Padres N.F., CA | 7 | BLM contractors | Unknown | Evergreen 205 crashed killing the pilot and 6 members of a handcrew. |
| 1973 | Monterey Ru, CA | 1 | CDF | Unknown | Lookout died of heart attack. |
| 1973 | GA | 8 | Other | Escaped control burn. | Eight firefighters died of heart attacks. 3 over 70 yrs. |
| 1973 | Bell Valley, CA | 1 | CDF | Light brush. Weather clear and hot. Gentle rolling topography. | Equipment engineer and firefighter working on flank of fire near a gully. Man ran to road after a flareup, but died. |
| 1973 | Tuolumne - Calaveras Ru, CA | 1 | CDF | Unknown | Died in helicopter crash. |
| 1973 | Eureka, NV | 2 | BLM contractors | Unknown | B-17 airtanker crashed when severe turbulence was encountered while in low altitude, slow air speed phase of fire mission. |
| 1974 | Lindsay Fire Coronado N.F., 1968CA | 1 | USFS | Unknown | Air crash. Air tanker making a drop. Class G fire. |
| 1974 | Kiana, AK | 1 | BLM contractors | N/A | A piper twin engine being used for air attack crashed attempting take off with only one engine, only the pilot aboard. |
| 1974 | Boise, ID | 1 | BLM contractors | N/A | B-26 airtanker collided w/another aircraft while taxing for take off on fire mission, pilot killed. Pilot of other aircraft [non-fire related] was also killed. |
| 1974 | Washington | 5 | Unknown | Grass fire, steep canyon. | 5 firefighters riding on the outside of an engine were crushed when engine rolled, while climbing up a steep hill to the head of a grass fire. |
| 1975 | Stockton, UT | | PVT. | Sagebrush and grass, gentle to rolling topography. Wind changed direction. | Two county deputy sheriffs were working on flank of a small fire when the wind shifted. |
| 1975 | San Benito-Monterey Ru, CA | 1 | CDF | Unknown | Died of electrocution at a fire. |

| 1976 | Battlement Creek Fire Grand Junction CO, BLM | 3 | BLM | Frost-killed brush slope and narrow chimneys induced extreme fire behavior and uphill runs. | High intensity uphill run occurred during firing operations below a saddle exposed ridgeline. |
|------|---|---|-------------|--|--|
| 1976 | Buhler, KS | 1 | Other | Flashover occurred from building up gases on lee side of the wind break. | Fireman tried to outrun fire. An engine also burned. |
| 1976 | Grand Junction, CO | 1 | BLM | Unknown | B-26 contract pilot killed on retardant run. |
| 1977 | Cart Creek, Ashley NF, UT | 3 | USFS | Wind changed on steep slope. Small fire. | Fire overtook crew on steep slope in sagebrush grass. |
| 1977 | Okanogan NF, WA | 1 | USFS | Steep slopes, ponderosa pine. Fire spotted across canyon and spread rapidly uphill. | Foreman was scouting and fire crossed the canyon below him. |
| 1977 | New Jersey #1, NJ | 1 | Unknown | Shifting winds in 10' grass in a gully, spot fires. | Firefighters overrun after spot fires experienced. |
| 1977 | Bass River, NJ | 4 | Other | Crown fire during drought conditions. | Crew in converted military truck were trapped when they missed evacuation message. |
| 1977 | Honda Canyon Vandenburg AFB, CA | 3 | Other | Change in wind in dry brush with erratic winds 80 mph. Fire was pushed downhill in light brush by Santa Ana winds. | Fire Chief and assistant trapped while checking fire perimeter. Dozer operator also overtaken while widening fireline. All ran downhill to escape. |
| 1977 | Riverside, TX | 1 | Other | Winds gusting to 45 mph. Fire in heavy grass with strong winds. | Firefighter became trapped after engine became immobilized. Man trapped between fire and truck, fell and burned. |
| 1977 | Washington #1 WA | 1 | Unknown | 30-40 mph winds with convection currents creating a 100' wide 1000' high whirlwind of fire. | Firefighter was trapped as he attempted to extinguish a burning field of grass. |
| 1977 | Middle Fire Angeles N.F., CA | | L.A. County | Unknown | Helicopter night flying, one helicopter landed on top of the other at helibase. |
| 1978 | Lost Creek, OR | 1 | BLM | Slash burning 15 acres. Doug-fir clearcut. | One firefighter was trapped in burning operation and died. |
| 1978 | Terrell County, GA | 1 | Other | Fire in pine/grass pushed by 17 mph winds. | Tractor plow operator became confused in smoke and went into fire. |
| 1978 | Shasta Ru, CA | 1 | CDF | Unknown | Died of heat stroke. |
| 1978 | San Luis Obispo Ru, CA | 1 | CDF | Unknown | Died in the crash of "Airco 53". |
| 1978 | Shoshone, ID | 1 | BLM | N/A | Engine returning from fire went off road and rolled over. |
| 1979 | Saratoga Springs, CA | 1 | CDF | Fresh firefighter on 10 ac brush fire in June. | Firefighter either overcome by carbon monoxide or had a heart attack. |
| 1979 | Santa Clara Ru, CA | 1 | CDF | Unknown | Died of heat stroke. |
| 1979 | Oklahoma #1 OK | 1 | Unknown | Wind shifted, brought fire around crew. | Firefighters drove trucks into unburned grass to attack fire. Victim was caught trying to outrun fire on foot. |
| 1979 | Ship Island Salmon NF, ID | 1 | USFS | Rapid fire spread. | Crew member and others were in helispot when the fire came. Victim succumbed to smoke and hot air inhalation in fire shelter which had been deployed near a pile of gear. He was not 'wearing gloves. |
| 1979 | Spanish Ranch, CA San Luis Obispo Ru | 4 | CDF | Sudden change in wind direction trapped crew. | Crew walking on dozed fireline were overrun by fire. |
| 1979 | Okefenokee, FL | 1 | Other | Prescribed fire escaped and became a wildfire with a sudden wind shift. | Tractor plow operator overrun by escaped prescribed fire. |
| 1979 | Orange Ru, CA | 1 | CDF | Unknown | Died of toxic chemical exposure on wildland fire. |
| 1979 | SW Oregon | 1 | Other | Unknown | Reported in AugSept. 1979, Western Conference Journal. |
| 1979 | Texas | | Unknown | Brush, pasture fire. | Firefighter riding on back step of brush fire engine, flanking the fire. Smoke and heat became too intense, engine pulled off fireline, losing firefighter off the back. Firefighter taken to hospital died 3 days later of thermal burns. |
| 1979 | Central, AK | 1 | BLM | N/A | Firefighter drowned in creek while swimming at fire camp. |

| 1980 California 1 Unknown Unknown Unknown Firefighter was on top of engine operating a hand line are cut of the add of fire. Unknown on expense, drove into go the engine and crushed firefighter. 1980 Ely District BLM - NV | 1980 | Mack Lack Huron Manistee NF, MI | 1 | USFS | Prescribed burn escaped into dense pine. | Tractor operator building fireline was swept over by fire. Tried to escape by foot. |
|--|------|------------------------------------|---|-----------|---|---|
| 1980 California 1 Unknown Unknown Unknown Firefrighter was on top of angine operating a hand line are out of the aid of fire. Diver in heavy smoke, drove into grade out of the aid of fire. Diver in heavy smoke, drove into grade out of the aid of fire. Diver in heavy smoke, drove into grade out of the aid of fire. Diver in heavy smoke, drove into grade out of the diversity of the operation operation of the operation operation of the operation operat | 1980 | Texas #2, TX | 1 | Unknown | Unknown | Firefighter fatally burned by grass fire. |
| 1980 California 1 Unknown Unknown Unknown Freighter was on top of engine operating a hand line are out of the act of fire. Driver, in heavy smoke, drove into grade out of the act of fire. Driver, in heavy smoke, drove into grade outpelling plate and 3 district five persons and crushed firefighter. 1981 Merritt Island, USFWS 2 Other Winds shifted and increased to 45 mph. Heavy fuel stressed by Kennety's Space Center, FL Vincovin CA 1 USFS Unknown Freighter was or ground, message got caught in tail of plane or crash. 1981 Exbeth, Angeles NF, 1 USFS Unknown Freighter was overrun by fire. Attern run fire. 1981 Williams Hill, SC 1 Unknown Variable winds, heavy fuels stressed by drought conditions. 1981 Paul, ID 3 BLM Unknown Variable winds, heavy fuels stressed by drought conditions. 1982 Canoe Landing, WI 1 State Erratic wind conditions. Fire involved timber and brush. Souden change in wind direction trapped at tractor plow in a fire direction of the capacity of tractics got had not and tried to run through fire. Second fire for safety of nearby read. 1983 Mechlenburg (State?) 1 Unknown Firewhind developed in portion of log debris unit being burned. Spot Prescribed burn in logging debris. Operator of plow capit freely bistrict, BLM, NV Unknown Unknown Unknown Unknown Unknown Extinguishing a grass fire. 1983 Medina, OH 1 Unknown Unknown Unknown Responding a backfire operation will be planed for the courted in adjacent planetion. 1983 Medina, OH 1 Unknown Unknown Extinguishing a grass fire. 1983 Medina, OH 1 Unknown Unknown Responding a backfire operator of plow capital state. Will be a faither with a fire dark will be in fire courted in adjacent planetion. 1983 Medina, OH 1 Unknown Unknown Responding a backfire operator of plow and fire will also a feather will be unknown Unknown Responding a pass fire. 1983 Newada #1 Unknown Unknown Responding a feat fire. 1983 Newada #1 Unknown Unknown Responding a feat fire. 1983 Newada #1 Unknown Unknown Responding to a grass fire. 1983 Newada R1 Unknown Unknown Re | 1980 | Santa Clara Ru, CA | 1 | CDF | Unknown | Engine rolled down a steep burning hill. Winching accident. |
| contractors People in the plane were attempting to drop a message craws on ground, message got caugh in tail of plane cards. 1981 Merritt Island, USFWS Kennedy Space Center, FL 1981 Elizabeth, Angeles NF, CA USFS Unknown Unkn | 1980 | California | 1 | Unknown | | Firefighter was on top of engine operating a hand line and trying to cut off head of fire. Driver, in heavy smoke, drove into gully rolling |
| Kennedy Space Center, FL | 1980 | Ely District BLM - NV | | | Unknown | Light fixed wing crashed killing pilot and 3 district fire personnel. People in the plane were attempting to drop a message to fire crews on ground, message got caught in tail of plane causing it to crash. |
| CA Cancel Landing, Williams Hill, SC 1 Unknown Variable winds, heavy fuels stressed by drought conditions. Operator plowing fireline became trapped. He sought sh tractor, got hot and fred to run through fire. Second firef to salety of nearby road. | 1981 | * | 2 | Other | , | Two person tractor plow crew was overrun by fire. Attempted to out run fire. |
| tractor, got hot and tried to run through fire. Second firef to safety of nearby road. 1981 Paul, ID 3 BLM Unknown C-182 aircraft struck electrical wire. Three killed. 1982 Canoe Landing, WI Eu Claire Co. Forest Erratic wind conditions. Fire involved timber and brush. 1983 Mechlenburg (State ?) 1 Unknown Firewhirl developed in portion of log debris unit being burned. Spot if end occurred in adjacent plantation. 1983 Nevada #1 1 Carson City District, BLM, NV Unknown Unknown Unknown Unknown Unknown Extinguishing a grass fire. 1983 Utica, NY 1 Unknown Unknown Unknown Extinguishing a grass fire. 1983 Beverly, MA 1 Unknown Unknown Extinguishing a leaf fire. 1983 Rovca, PA 1 Unknown Unknown Extinguishing a leaf fire. 1983 Avoca, PA 1 Unknown Unknown Unknown Extinguishing a leaf fire. 1983 Claflin, KS 1 Unknown Unknown Unknown Extinguishing a grass fire. 1983 Nara Vista, NM 1 Unknown Unknown Extinguishing a grass fire. 1983 Nara Vista, NM 1 Unknown Unknown Extinguishing a grass fire. 1983 Nara Vista, NM 1 Unknown Unknown Extinguishing a grass fire. 1983 Nara Vista, NM 1 Unknown Unknown Extinguishing a grass fire. 1983 Nara Vista, NM 1 Unknown Unknown Extinguishing a grass fire. 1983 Nara Vista, NM 1 Unknown Unknown Extinguishing a grass fire. 1983 Nara Vista, NM 1 Unknown Unknown Extinguishing a grass fire. 1983 Nara Vista, NM 1 Unknown Unknown Extinguishing a grass fire. 1983 Nara Vista, NM 1 Unknown Unknown Extinguishing a grass fire. 1983 Nara Vista, NM 1 Unknown Unknown Extinguishing a grass fire. 1983 Nara Vista, NM 1 Unknown Unknown Extinguishing a grass fire. 1984 Spicewood, TX 1 Unknown Unknown Operating at a brush fire. 1984 Nobel Mena, AR, Quachita NF 2 USFS Unknown 1984 Mena, AR, Quachita NF 2 USFS Unknown 1985 Moderate drought conditions, 30 mph winds, fire burning in pine and brush on 30-50% slope. | 1981 | | 1 | USFS | Unknown | Fire grew on spot fire crew. They escaped opposite chief, then left local department. Chief drove out of fire, but died when he returned to search for departed crew. |
| 1982 Canoe Landing, WI Eau Claire Co. Forest 1 1 State Erratic wind conditions. Fire involved timber and brush. Sudden change in wind direction trapped a tractor plow while plowing fireline. | 1981 | Williams Hill, SC | 1 | Unknown | Variable winds, heavy fuels stressed by drought conditions. | Operator plowing fireline became trapped. He sought shelter under tractor, got hot and tried to run through fire. Second firefighter ran to safety of nearby road. |
| Eau Claire Co. Forest 1982 Humboldt Ru, CA | 1981 | Paul, ID | 3 | BLM | Unknown | C-182 aircraft struck electrical wire. Three killed. |
| 1983 Mechlenburg (State ?) 1 Unknown Firewhirl developed in portion of log debris unit being burned. Spot fire occurred in adjacent plantation. 1 Carson City District, BLM, NV District, BLM, | 1982 | | 1 | State | Erratic wind conditions. Fire involved timber and brush. | Sudden change in wind direction trapped a tractor plow operator while plowing fireline. |
| fire occurred in adjacent plantation. fire whirl as he attempted to suppress spot fire. 1 Carson City District, BLM, NV 1983 Utica, NY 1 Unknown 1 Un | 1982 | Humboldt Ru, CA | 1 | CDF | Unknown | Died of heart attack while walking his crew to fire. |
| District, BLM, NV 1 Unknown Unknown Using firebroom to extinguish grass fire. 1983 | 1983 | Mechlenburg (State ?) | 1 | Unknown | | |
| 1983Medina, OH1UnknownUnknownExtinguishing a grass fire.1983Beverly, MA1UnknownUnknownAdvancing a hoseline at a woods fire.1983Holland, OH1UnknownUnknownExtinguishing a leaf fire.1983Avoca, PA1UnknownUnknownResponding to a grass fire.1983Hope Mill, NC1UnknownUnknownWorking at a woods fire.1983Claflin, KS1UnknownUnknownExtinguishing a grass fire.1983Nara Vista, NM1UnknownUnknownFighting a grass fire.1983Ft. Yukon, AK1BLMN/AFirefighter died of heart attack while in fire camp.1983R81B-26 hit tree on drop run. 3/5/831984Joshua, TX1UnknownOperating at a grass fire.1984Spicewood, TX1UnknownOperating at a brush fire.1984Mena, AR, Ouachita NF2USFSUnknownCutting fireline.1984Mena, AR, Ouachita NF2USFSUnknownCutting fireline.1984Mena, AR, Ouachita NF, AR2USFSModerate drought conditions, 30 mph winds, fire burning in pine and brush on 30-50% slope.A tractor boss and dozer operator were caught in sudde while traveling down fireline. Abandoned dozer and tried fire. | 1983 | Nevada #1 | | District, | Winds shifted during backfire operation. | Two groups were conducting a backfire operation when winds shifted. Both drove out of the area thinking victim was with the other group. Victim's fire shelter was with one of the engines |
| 1983 Beverly, MA | 1983 | Utica, NY | 1 | Unknown | Unknown | Using firebroom to extinguish grass fire. |
| 1983Holland, OH1UnknownUnknownExtinguishing a leaf fire.1983Avoca, PA1UnknownUnknownResponding to a grass fire.1983Hope Mill, NC1UnknownUnknownWorking at a woods fire.1983Claflin, KS1UnknownUnknownExtinguishing a grass fire.1983Nara Vista, NM1UnknownFighting a grass fire.1983Ft. Yukon, AK1BLMN/AFirefighter died of heart attack while in fire camp.1983R81B-26 hit tree on drop run. 3/5/831984Joshua, TX1UnknownOperating at a grass fire.1984Spicewood, TX1UnknownOperating at a brush fire.1984Mena, AR, Ouachita NF2USFSUnknownCutting fireline.1984Rainbow Springs Ouachita NF, AR2USFSModerate drought conditions, 30 mph winds, fire burning in pine and brush on 30-50% slope.A tractor boss and dozer operator were caught in sudde while traveling down fireline. Abandoned dozer and tried fire. | 1983 | Medina, OH | 1 | Unknown | Unknown | Extinguishing a grass fire. |
| 1983Avoca, PA1 UnknownUnknownResponding to a grass fire.1983Hope Mill, NC1 UnknownUnknownWorking at a woods fire.1983Claffin, KS1 UnknownUnknownExtinguishing a grass fire.1983Nara Vista, NM1 UnknownUnknownFighting a grass fire.1983Ft. Yukon, AK1 BLMN/AFirefighter died of heart attack while in fire camp.1983R81B-26 hit tree on drop run. 3/5/831984Joshua, TX1 UnknownUnknownOperating at a grass fire.1984Spicewood, TX1 UnknownUnknownOperating at a brush fire.1984Mena, AR, Ouachita NF2 USFSUnknownCutting fireline.1984Rainbow Springs Ouachita NF, AR2 USFSModerate drought conditions, 30 mph winds, fire burning in pine and brush on 30-50% slope.A tractor boss and dozer operator were caught in sudde while traveling down fireline. Abandoned dozer and tried fire. | 1983 | Beverly, MA | 1 | Unknown | Unknown | Advancing a hoseline at a woods fire. |
| 1983 Hope Mill, NC | 1983 | Holland, OH | 1 | Unknown | Unknown | Extinguishing a leaf fire. |
| 1983 Claffin, KS 1 Unknown Unknown Extinguishing a grass fire. 1983 Nara Vista, NM 1 Unknown Unknown Fighting a grass fire. 1983 Ft. Yukon, AK 1 BLM N/A Firefighter died of heart attack while in fire camp. 1983 R8 1 B-26 hit tree on drop run. 3/5/83 1984 Joshua, TX 1 Unknown Unknown Operating at a grass fire. 1984 Spicewood, TX 1 Unknown Unknown Operating at a brush fire. 1984 Mena, AR, Ouachita NF 2 USFS Unknown Cutting fireline. 1984 Rainbow Springs Ouachita NF, AR Moderate drought conditions, 30 mph winds, fire burning in pine and brush on 30-50% slope. | 1983 | Avoca, PA | 1 | Unknown | Unknown | Responding to a grass fire. |
| 1983Nara Vista, NM1UnknownUnknownFighting a grass fire.1983Ft. Yukon, AK1BLMN/AFirefighter died of heart attack while in fire camp.1983R81B-26 hit tree on drop run. 3/5/831984Joshua, TX1UnknownOperating at a grass fire.1984Spicewood, TX1UnknownUnknownOperating at a brush fire.1984Mena, AR, Ouachita NF2USFSUnknownCutting fireline.1984Rainbow Springs Ouachita NF, AR2USFSModerate drought conditions, 30 mph winds, fire burning in pine and brush on 30-50% slope.A tractor boss and dozer operator were caught in sudde while traveling down fireline. Abandoned dozer and tried fire. | 1983 | Hope Mill, NC | 1 | Unknown | Unknown | Working at a woods fire. |
| 1983 Ft. Yukon, AK 1 BLM N/A Firefighter died of heart attack while in fire camp. 1983 R8 1 Unknown Unknown Unknown Operating at a grass fire. 1984 Spicewood, TX 1 Unknown Unknown Unknown Unknown Operating at a brush fire. Operating at a brush fire. Unknown Unknown Unknown Unknown Operating at a brush fire. Unknown Unknown A tractor boss and dozer operator were caught in sudde and brush on 30-50% slope. Moderate drought conditions, 30 mph winds, fire burning in pine and brush on 30-50% slope. | 1983 | Claflin, KS | 1 | Unknown | Unknown | Extinguishing a grass fire. |
| 1983 R8 1 1 B-26 hit tree on drop run. 3/5/83 1984 Joshua, TX 1 Unknown Unknown Operating at a grass fire. 1984 Spicewood, TX 1 Unknown Unknown Operating at a brush fire. 1984 Mena, AR, Ouachita NF 2 USFS Unknown Cutting fireline. 1984 Rainbow Springs Ouachita NF, AR Moderate drought conditions, 30 mph winds, fire burning in pine and brush on 30-50% slope. 1985 A tractor boss and dozer operator were caught in sudde while traveling down fireline. Abandoned dozer and tried fire. | 1983 | Nara Vista, NM | 1 | Unknown | Unknown | Fighting a grass fire. |
| 1984Joshua, TX1 UnknownUnknownOperating at a grass fire.1984Spicewood, TX1 UnknownUnknownOperating at a brush fire.1984Mena, AR, Ouachita NF2 USFSUnknownCutting fireline.1984Rainbow Springs2 USFSModerate drought conditions, 30 mph winds, fire burning in pine and brush on 30-50% slope.A tractor boss and dozer operator were caught in sudde while traveling down fireline. Abandoned dozer and tried fire. | 1983 | Ft. Yukon, AK | 1 | BLM | N/A | Firefighter died of heart attack while in fire camp. |
| 1984Spicewood, TX1 UnknownUnknownOperating at a brush fire.1984Mena, AR, Ouachita NF2 USFSUnknownCutting fireline.1984Rainbow Springs Ouachita NF, AR2 USFSModerate drought conditions, 30 mph winds, fire burning in pine and brush on 30-50% slope.A tractor boss and dozer operator were caught in sudde while traveling down fireline. Abandoned dozer and tried fire. | 1983 | R8 | 1 | | | B-26 hit tree on drop run. 3/5/83 |
| 1984Spicewood, TX1 UnknownUnknownOperating at a brush fire.1984Mena, AR, Ouachita NF2 USFSUnknownCutting fireline.1984Rainbow Springs Ouachita NF, AR2 USFSModerate drought conditions, 30 mph winds, fire burning in pine and brush on 30-50% slope.A tractor boss and dozer operator were caught in sudde while traveling down fireline. Abandoned dozer and tried fire. | 1984 | Joshua, TX | 1 | Unknown | Unknown | Operating at a grass fire. |
| 1984Mena, AR, Ouachita NF2 USFSUnknownCutting fireline.1984Rainbow Springs Ouachita NF, AR2 USFSModerate drought conditions, 30 mph winds, fire burning in pine and brush on 30-50% slope.A tractor boss and dozer operator were caught in sudde while traveling down fireline. Abandoned dozer and tried fire. | 1984 | Spicewood, TX | 1 | | | |
| 1984 Rainbow Springs 2 USFS Moderate drought conditions, 30 mph winds, fire burning in pine and brush on 30-50% slope. A tractor boss and dozer operator were caught in sudde while traveling down fireline. Abandoned dozer and tried fire. | 1984 | Mena, AR, Ouachita NF | 2 | USFS | Unknown | |
| | | Rainbow Springs | 2 | USFS | | A tractor boss and dozer operator were caught in sudden flareup while traveling down fireline. Abandoned dozer and tried to out run |
| The following at proportions, or a final politicism. | 1984 | Sweet Home, OR | 1 | BLM | Unknown | Working at prescribed burn of 46 acres. |

| 1984 | Jackson, CA Amador - El Dorado Ru | 1 | CDF | Light fuels | Operating with backpack extinguishers on grass fire, stepped on powerline. Died of electrocution. |
|------|---------------------------------------|---|----------|---|---|
| 1984 | Clear Lake, CA Lake - Napa Ru | 1 | CDF | Light fuels | Stretching hoseline to fire, no safety gear, direct attack, volunteer firefighter |
| 1984 | Texas #3 TX | 1 | Unknown | 42 mph winds with fire burning in grass and rangeland. Wind suddenly changed direction. | Firefighter took position near the head of the fire to attack with hoseline. Wind changed direction pushing fire towards engines. Firefighters abandoned their engines and tried to out run fire. |
| 1984 | Forest Hill, LA | 1 | Unknown | Unknown | Responding to grass fire. In private vehicle. |
| 1984 | Northfield, VT | 3 | Unknown | Unknown | Responding to grass fire in Roxbury, VT. |
| 1984 | Cornelia, GA | 1 | Unknown | Unknown | Responding to grass fire. |
| 1984 | Cottage Grove, OR | 1 | Unknown | Unknown | Responding to forest fire. |
| 1984 | Humansville, MT | 2 | Unknown | Unknown | Responding to grass fire. |
| 1984 | Kentucky | 1 | Unknown | Grass fire. | Firefighter riding on back of engine as driver backed down dirt road, engine passed over rut, bounced off one firefighter who was run over by the rear wheels. |
| 1985 | Kahneetah Lodge Warm Springs, OR | 2 | BIA | Fire burning in sagebrush, grass and juniper. | Three people tried to extinguish fire by beating flames with blankets. It appeared to be under control, fire below them ran. Two ran uphill, flanking perimeter and were over run. One survivor took refuge in the black, severe burns. |
| 1985 | Sandlin Bay ,Columbia, CO | 1 | Unknown | Fire spotted across line during severe drought conditions | Operator of dozer caught by fire while cutting line. |
| 1985 | Midway, FL | 1 | Unknown | Unknown | Handling a charged hose. |
| 1985 | Golden Gate Ests. FL,DNR | 1 | State | Fire developed three different heads and blew up as heads drew together in heavy fuels which had been killed earlier by freeze. Winds 20 mph. | Operator of plow unit unaware of adjacent fire heads. Trapped and over run by fire. |
| 1985 | Adams Run Summersville, SC | 1 | Unknown | Drought conditions and 30 mph winds caused erratic fire behavior. Sudden increase in spread rate and intensity. | Tractor operator plowing line caught by rapid fire progress. |
| 1985 | 5 Mile Fire, Wenatchee NF, WA | 1 | BIA | Unknown | Struck by snag. |
| 1986 | Montrose, CO | 4 | BLM | Unknown | SA-3158 struck electrical wire, four killed. |
| 1986 | Ace Creek Fire, WA | 1 | Unknown | Unknown | Struck by green snag. Enroute to fire assigned area. |
| 1986 | Anderson Creek Fire Boise N.F., ID | 4 | USFS | Unknown | 4 crew members were killed when the army truck they were riding in drove off the road and over turned army deuce & a half. |
| 1987 | Lake Co., Lauder, CA | 1 | CDF | Unknown | CDF helitack crew member was caught by rapid fire progression. |
| 1987 | Klamath NF, CA | 1 | Other | Unknown | CA. National Guard was killed in accident. |
| 1987 | Klamath NF, CA | 1 | USFS | Unknown | Forest Service employee struck by motorcycle. 9-1-87 |
| 1987 | Shasta Trinity NF, CA | 1 | Contract | Unknown | Contractor killed when his dozer rolled over him on fire. 6-28-87 |
| 1987 | Hamm Fire Stanislaus NF, CA | 1 | USFS | Unknown | Killed by snag he was falling. 9-11-87 |
| 1987 | Six Rivers NF, CA | 1 | Other | Unknown | CCC killed when snag struck vehicle. 9-5-87 |
| 1987 | Okanogan NF, WA | 1 | Contract | Unknown- Reynolds Creek Fire | Contractor killed by tree he fell. 7-17-87 |
| 1987 | Klamath NF, CA | 1 | BIA | Unknown | Died of heart attack. 10-1-87 |
| 1987 | CA | 1 | CDF | Unknown | Pilot killed in S-2 tanker crash. 10-7-87 |
| 1987 | Shasta Trinity NF, CA | 3 | USFS | Unknown | Pilot and crew of C-119 killed, plane broke apart on retardant run. |
| 1987 | Inverness, FL, Vol. FD | 1 | PVT. | Unknown | Heart attack while pulling hose at a brush fire. |
| 1987 | Clanton, AL Gap Mtn. Vol. FD | 1 | PVT. | Unknown | Severe thermal burns resulting from being trapped in the cab of a tanker that rolled over returning from woods fire. |

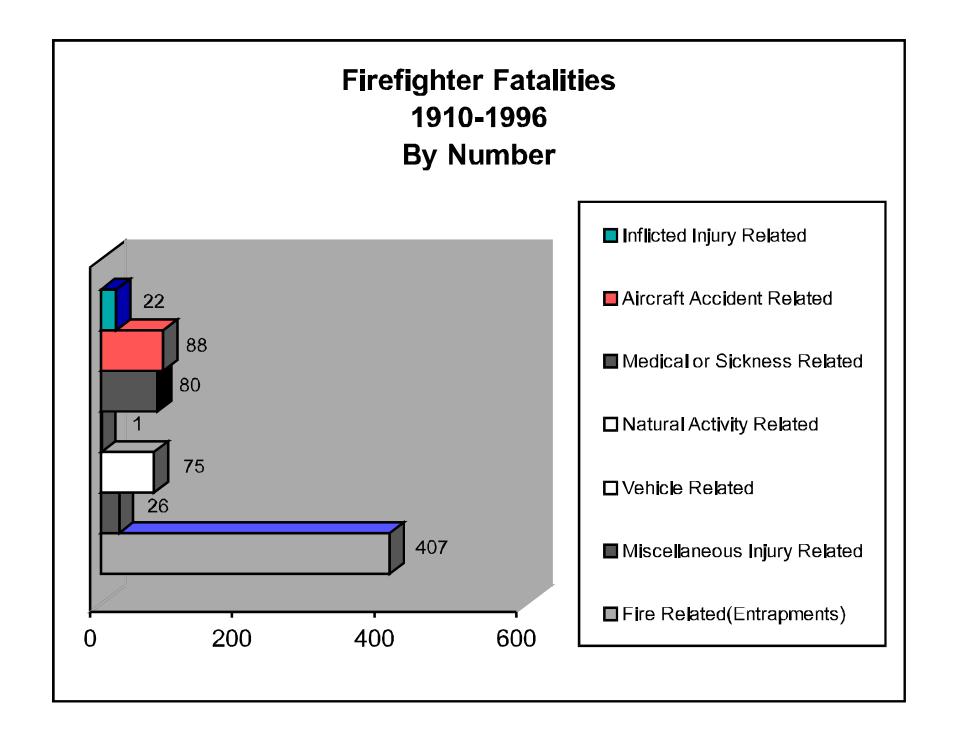
| 1987 | Summit, MS, Sunnyhill Vol. FD | 1 | PVT. | Unknown | Heart attack while responding to fire. |
|------|--------------------------------------|---|---------|--|---|
| 1987 | Cisco, TX, Cisco Vol. FD | 1 | PVT. | Unknown | Heart attack after operating at a grass and brush fire. |
| 1987 | Azle, TX, Spillway Vol. FD | 1 | PVT. | Unknown | Heart attack at a grass fire. |
| 1987 | Swansea, MA, Vol. FD | 1 | PVT. | Unknown | Heart attack at a brush fire. |
| 1987 | East Bernstadt, KY, Vol.FD | 1 | PVT. | Unknown | Heart attack at a woods fire. |
| 1987 | White Sands, NM | 2 | ARMY | Unknown US Army- contract | Dropping retardant when plane crashed. |
| 1987 | Douglas, KS, Butler Vol. FD | 1 | PVT. | Unknown | Fell from extended bumper area of brush vehicle and crushed by wheels. |
| 1987 | Kansas | 1 | Unknown | Grass fire. | Firefighter riding on left front fender of engine using booster hose, was bounced off and run over by front and back tires. |
| 1988 | Rosholt, WI, Vol. FD | 1 | PVT. | Unknown | Lost control on curve while driving engine to grass fire. |
| 1988 | Munfordville, KY, Vol. FD | 1 | PVT. | Unknown | Thrown from cab of engine and crushed while responding. |
| 1988 | Tampa, FL, Hillsboro Vol. FD | 1 | PVT. | Unknown | Struck by a truck at an intersection while responding in brush unit. |
| 1988 | Sebring, FL, Vol. FD | 1 | PVT. | Unknown | Heart attack while responding. |
| 1988 | S. Carolina Forestry Dept., SC | 1 | PVT. | Unknown | Stroke while issuing a summons at a grass fire. |
| 1988 | San Antonio, TX, Vol.FD | 1 | PVT. | Unknown | Heart attack while returning from grass fire. |
| 1988 | Timber Lake, SD, Vol.FD | 1 | PVT. | Unknown | Heart attack while using hand tools at grass fire. |
| 1988 | Birmingham, AL | 1 | Other | Unknown | Heat stroke while checking flanks in woods fire. |
| 1988 | MT | 1 | BIA | Unknown | BIA employee killed in vehicle accident. |
| 1988 | Fayetteville, NC | 1 | PVT. | Unknown | VFD employee killed by falling tree. 12-14-88 |
| 1988 | Shoshone NF, WY | 1 | BLM | Unknown- Clover Fire | Killed by falling tree. |
| 1988 | MT | 1 | Other | Unknown | Killed by a falling tree. 8-9-88 |
| 1988 | WY | 1 | Other | Unknown | Aircraft accident killed contractor. |
| 1988 | WA | 2 | Other | Unknown | Two Canadians killed in aircraft accident. 8-9-88 |
| 1988 | WY | 1 | BLM | Unknown | BLM employee killed in aircraft accident. 8-19-88 |
| 1988 | Sequoia NF, CA | 1 | USFS | Unknown - Havilah Fire | USFS employee killed in aircraft accident. 8-12-88 |
| 1988 | OR | 1 | USFS | Unknown | USFS employee killed in aircraft accident. 7-14-88 |
| 1988 | Blue Hole #6, OR | 1 | Other | Prescribed burn | Contractor entrapped on prescribed burn. No Shelter deployed. 5-24-88 |
| 1988 | Belle River FD, IL | 1 | PVT. | Unknown | Electrocuted after contact with down powerline. |
| 1988 | Brush Coulee Fire, MT | 1 | BIA | Unknown | Apparatus rolled off hillside. 8-10-88 |
| 1988 | Bellevue, ID | 1 | PVT. | Unknown - volunteer | Crushed by over turned tanker. |
| 1988 | Wenatchee NF, WA | 2 | DNR | Unknown - contractor- Dinkleman Fire | Helicopter crash while making water drops. |
| 1988 | New Albany, IN | 1 | PVT. | Unknown - volunteer | Tanker over turned returning from brush fire. |
| 1988 | Flathead NF, MT | 1 | BIA | Unknown- Red Bench Fire | Struck by falling snag. |
| 1988 | Bushnell, FL | 2 | PVT. | Unknown - volunteer | Struck by semi-truck while at grass fire. |
| 1988 | Hood River Vol. FD, OR, | 1 | PVT. | Unknown | Heart attack while pulling hose. |
| 1989 | Buckhorn DNR Wayne-Hoosier NF, OH | 1 | State | Late morning wind shift resulted in sudden increase in fire. | No shelter deployed. Possible methane gas implication from nearby mines. 3-27-89 |
| 1989 | Tonto NF, AZ | 1 | BIA | Unknown | BIA employee struck by lightning. 7-10-89 |
| 1989 | Wenatchee NF, WA | 1 | USFS | Unknown | Died of heart attack in camp. 9-17-89 |

| 1989 | CA | 1 | CDF | Unknown | Killed by a falling tree. 7-9-89 |
|------|-------------------------------------|---|---------|---|---|
| 1989 | Curren Mt. Fire, Nez Perc NF, ID | 1 | USFS | Unknown | Forest Service employee drowned while in fire camp. 7-9-89 |
| 1989 | Ghent, NY | 1 | PVT. | Unknown - volunteer | Heart attack while responding to fire. |
| 1989 | Noel, MO | 1 | PVT. | Unknown - volunteer | Motor vehicle accident while responding to timber fire. |
| 1989 | Wood Lake, MN | 1 | PVT. | Unknown - volunteer | Heart attack while setting up water tank. |
| 1989 | Los Padres NF, CA | 1 | State | Unknown - Calif. inmate crew | Killed by snag. |
| 1989 | Bent, NM | 1 | PVT. | Unknown - volunteer | Heart attack at brush fire. |
| 1989 | Conneaut Lake, PA | 1 | PVT. | Unknown - volunteer | Heart attack while resting after using fire rake. |
| 1989 | Athens, AL | 1 | PVT. | Unknown - volunteer | Heart attack while rolling hose after fire. |
| 1989 | Jacksonville, AR | 1 | PVT. | Unknown - volunteer | Heart attack while rolling hose after fire. |
| 1989 | TX | 1 | Unknown | Unknown | Burned cutting fireline. |
| 1990 | Mendocino NF, CA Recer Fire | 1 | CDF | Snag patch. Crews were warned of snag problems, but not aware of full extent. | Died of head injury inflicted by snag. Tree struck firefighter as he was packing hose up fireline. 8-13-90 |
| 1990 | AK | 1 | USFS | Unknown | Died of heart attack. 7-9-90 |
| 1990 | Snowshoe Fire,Malheur NF,OR | 1 | USFS | Unknown | Died of stroke. 8-15-90 |
| 1990 | Shasta Trinity NF, CA | 1 | CDF | Unknown | Died of heart attack. Pick up labor. 8-17-90 |
| 1990 | Dude Fire Tonto NF, AZ | 6 | State | Hot, dry, unstable atmosphere. Extremely low fuel moisture. Thunder cell formed over convection column, strong gusty winds resulted, pushing fire over all control lines. | State crew was trapped in a shallow draw. Shelters were deployed. Some victims were seen running with their shelters. Poor communication, entire fire using one radio channel. No safety zones accessible to this crew. |
| 1990 | California Fire, CA Riverside Ru | 2 | State | Backfiring from handline. Overrun by fast running fire on moderate to steep slopes in light fuels during heavy shifting winds and extreme temps. | Entrapment of state crew (17), shelters were deployed, three others sustained burns. 6-27-90 |
| 1990 | Waist State Park, UT | 2 | State | Winds increased in speed, fire seen spotting. | Entrapment of state crew in Wasatch Mtn., one shelter deployed. Dozer operator and deputy sheriff fatally burned. 8-26-90 |
| 1990 | Silver Crk. Colville Reserv., WA | 1 | Other | Unknown | Helicopter contractor. 9-11-90 |
| 1990 | Wellston, OK | 1 | PVT. | Unknown-volunteer | Heart attack. |
| 1990 | Los Padres NF, CA | 1 | USFS | Unknown- Ynez Fire | Pulmonary embolism resulting from fall. |
| 1990 | Grand Coulee, WA | 1 | PVT. | Unknown - volunteer | Asphyxia and burns trying to outrun fire. |
| 1990 | Quincy, FL | 1 | PVT. | Unknown - volunteer | Heart attack while responding to brush fire. |
| 1990 | Havre de Grace, MD | 1 | PVT. | Unknown - volunteer | Collision enroute to station for fire-storm emergency. |
| 1990 | Wichita, KS | 1 | PVT. | Unknown- Sedgwick Co. Fire Dept. | Heat stroke at a grass fire. |
| 1990 | Olympic NF, WA | 2 | USFS | Unknown- contractor-Wynoochee Fire | Aircraft crash while water dropping. 9-30-90 |
| 1991 | Ziplock Fire Cibola NF, NM | 1 | USFS | Unknown | Regional lead plane pilot, Beechcraft lead plane, leading air tanker 119 pulled up after retardant run, started left turn and continued roll left until almost inverted, nose down. 6-21-91 |
| 1991 | Routt NF, CO | 1 | USFS | Small fire, completed line. | Two firefighters had just completed lining a small fire, they were taking a rest on the line, a snag fell out of the perimeter, striking one man on the chest. 9-19-91 |
| 1991 | Marysville, KS | 1 | PVT. | Unknown - volunteer | Heart attack at prairie fire. 3-26-91 |
| 1991 | Hendersonville, TN | 1 | PVT. | Unknown - volunteer | Tanker rollover while responding to fire. |
| 1991 | New Buffalo, MI | 1 | PVT. | Unknown - volunteer | Heart attack responding to grass fire. 7-11-91 |
| 1991 | Stanislaus NF, CA | 1 | USFS | Unknown - contractor-Pine Fire | Helicopter crash lowering water tanks. 7-26-91 |

| 1991 | MT | 2 | USFS | Unknown - contractors | Aircraft crash while enroute to Missoula Fire Center. 10-16-91 |
|------|--|---|-----------|--|---|
| 1991 | Oakland, CA | 1 | PVT. | Unknown - Oakland Fire Department | Burned after being struck by powerline on urban interface fire. 10/21/91 |
| 1991 | Fleming Neon, KY | 2 | PVT. | Unknown - volunteer | Burned in sudden flare up. 10-29-91 |
| 1991 | Collinsville, AL | 1 | PVT. | Unknown - volunteer | Electrocuted by down powerline. 11-29-91 |
| 1991 | Missoula, MT | 1 | USFS | Unknown | Fire training. 5-31-91 |
| 1992 | Boise NF, Cascade, ID | 1 | USFS | Unknown | Killed by falling tree on fireline. 7-31-92 |
| 1992 | Pryor Fire, Willamete NF, OR | 1 | State | Unknown | Killed by falling tree. 8-31-92 |
| 1992 | Kennewick, WA | 1 | PVT. | Unknown | Volunteer killed while riding on fire apparatus. Vehicle rolled over. |
| 1992 | Fond Du Dic, WI | 1 | PVT. | Unknown | Died of heart attack while building line on grass fire. 7-31-92 |
| 1992 | Glenwood Springs, CO | 1 | PVT. | Unknown | Died of heart attack while picking up equipment on fire. 6-29-92 |
| 1992 | Calaveras Co., CA Tuolumne-Calaveras Ru | 1 | CDF | Unknown | Pilot killed. S-2 airtanker. 6-19-92 |
| 1992 | Mansfield, LA | 1 | PVT. | Unknown | Apparatus crash. 10-12-92 |
| 1992 | Caldwell, TX | 1 | PVT. | Unknown | Apparatus crash. 12-192 |
| 1992 | Crowley, TX | 1 | PVT. | Unknown | Apparatus rollover. 12-5-92 |
| 1992 | El Dorado NF, CA | 2 | Contract | Unknown | Aircraft accident. 10-1-92 |
| 1992 | Menard, TX | 1 | PVT. | Unknown - volunteer | Collision with tanker responding to grass fire. |
| 1992 | Bryan, TX | 1 | PVT. | Unknown - volunteer | Lost control while responding to grass fire. |
| 1993 | Angeles NF, CA | 2 | LA County | Spotting above crew. Urban interface fire. | Fire burned over. Some shelter deployment did occur. 8-20-93 |
| 1993 | Santa Fe N.F. San Ysidro, NM | 1 | USFS | Major, localized wind event 40-50 mph. | 20 acre spot fire on 16,000 acre prescribed burn. Trapped sixteen crew persons. 4-22-93 |
| 1993 | Lulkin, TX | 1 | PVT. | Unknown | Seasonal firefighter had heart attack. 1-31-93 |
| 1993 | Monhiggin Lake, NY | 1 | PVT. | Unknown | Volunteer had heart attack. 7-9-93 |
| 1993 | Florahome, FL | 1 | PVT. | Unknown | Volunteer had heart attack. 8-15-93 |
| 1993 | Forest Grove, OR | 1 | ODF. | Unknown | Seasonal firefighter died in apparatus rollover. 9-6-93 |
| 1993 | Howell, NJ | 1 | PVT. | Unknown | Volunteer struck by vehicle. 11-15-93 |
| 1994 | Tuskegee, AL | 1 | USFS | Unknown | Heart attack |
| | Alva, OK | 1 | Volunteer | Firefighters attempted to cut off and suppress a fire blowing up a canyon below them. | Engine overthrow - Firefighter riding on back of engine at night in heavy smoke. Driver drove off edge of canyon wall, firefighter on back was thrown off and engine landed on top of him. |
| 1994 | Trendon, MI | 1 | Volunteer | Unknown | Heart attack |
| 1994 | Vantmallo, AL | 1 | Volunteer | Unknown | Water tender accident. |
| 1994 | Augusta, WI | 1 | Volunteer | Grass fields and oak ridges approx. 80 acres. Large gust of wind suddenly increased flame heights from 1 - 2 ft. to 20 - 25 ft. in seconds | Burn over - Firefighters tried to outrun advancing 25' wall of fire on foot and one fell, receiving 3rd degree burns over 50% of body. Died 15 days later. He was wearing turn out gear, coat, helmet, and boots. |
| 1994 | Lewellen, NE | 1 | Volunteer | Unknown | Water tender accident. |

| 1994 | South Canyon Fire Glenwood Springs, CO | 14 | BLM/USFS | Fuels extremely dry and susceptable to rapid, explosive, extreme fire behavior and reburn in gamble oak was not recognized. A cold front passed through. Maximum rates of spread of 18 mph and flames as high as 200 - 300 feet. | Available weather forcasts and expected fire behavior info not provided to firefighters, adequate lookouts not used, escape routes and safety zones inadequate for the burning conditions. Failing to outrun the lames, 12 firefighters perished. 2 helitack crewmembers on top of the ridge also died trying to outrun the fire. The remaining 35 firefighters survived by escaping out east drainage, seeking a safety area and deploying fire shelters. |
|------|---|----|---------------------|--|--|
| 1994 | Guide Fire Gila, N.F., N.M. | 3 | USFS | Unknown | Helicopter crash - Two firefighters and one pilot died when helicopter crashed. They were on an initial attack mission. |
| 1994 | Bulter Cr. Fire Missoula, MT | 2 | USFS, Contractor | Unknown | Airtanker crash - Airtanker crashed while working on Bulter Creek Fire. |
| 1994 | Tyee Fire Wenatchee, N.F., WA | 1 | USFS, Contractor | Unknown | Heart attack - Water tender driver suffered a fatal heart attack while on stand by in a staging area. Age 58. |
| 1994 | Angeles, N.F., CA | 3 | USFS, Contractor | Unknown | Airtanker crash-C-130 airtanker was headed to drop retardent on brush fires and crashed. All three crew members died in crash. |
| 1994 | Danny Fire, Plumas N.F., CA | 1 | USFS, Contractor | Unknown | Water tender accident - Water tender operator involved in a single vehicle accident while enroute to fire. Operator died at scene. |
| 1994 | Hull Mtn. Fire Medford, OR | 1 | USFS, Contractor | 90 degree temps. RH 22%, oak, madrone, ponderosa pine. Spotting up to one - quarter mile. Fire intensity quickly grew and became a large plume dominated event. | Burnover - dozer - critical fire behavior predictions not available to victim. Individual working alone, no communications, no lookout, no dozer boss. Victim had no wildland firefighter training. |
| 1994 | Boise N.F., ID | 1 | EFF, BLM | Unknown | Motor vehicle accident - An employee of fire cache died following a vehicle accident while delivering cache supplies to a fire. |
| 1994 | Chicken Complex Payete N.F., ID | 1 | Military USFS | Unknown | Helicopter crash - Military chinook helicopter crashed on the chicken complex killing one military flight crew member. |
| 1994 | Cedar Fire Brasstown R.D. Chattahouchee Oconee N.F., GA | 1 | USFS | Fire exhibited very erratic fire behavior, winds 25+ mph, flame heights reported to reach 79 - 90 feet. Heavy leaf litter. | Victim was pulling off the line with two other firefighters and following a logging road away from fire. The victim was last seen stopping and deploying shelter as if too exhausted to continue on. Burnover. |
| 1994 | Tennessee State | 1 | PVT. | Grass fire leading into hardwood forest. | Civilian started grass fire on own property, it escaped into hardwood forest. Civilian was trying to extinguish when fire changed direction and trapped him. |
| 1995 | Tennessee | 1 | TSF | Unknown | Heart attack |
| 1995 | Claude, TX | 2 | Volunteer | Unknown | Vehicle/Train |
| 1995 | Willard, NM | 1 | Volunteer | Unknown | Vehicle |
| 1995 | Era, TX | 1 | Volunteer | Unknown | Heart attack |
| 1995 | Malo, WA | 1 | Volunteer | Unknown | Heart attack |
| 1995 | So. China, ME | 1 | Volunteer | Unknown | 67 year old town forest fire warden. Died of a heart attack while walking up the flank of a one acre fire towards his truck. |
| 1995 | Gallupville, NY | 1 | Volunteer | Unknown | Heart attack |
| 1995 | Greebriar, TN | 1 | TSF | Unknown | Heart attack |
| 1995 | Princess Anne, MD | 1 | Volunteer | Unknown | Heart attack |
| 1995 | Ramona, CA | 3 | FS / Contractor | Unknown | Aircraft accident - Two firefighting planes involved in a mid - air collision. Aircraft was returning from the Butterfield Fire and in the process of landing. |
| 1995 | Point Fire Kuna RU, ID | 2 | Volunteer | Sudden winds gusted 40 to 50 mph. Firefighters left burned area and drove in to heavy, unburned fuels. | Burnover - Decision by the firefighter to leave the safety of the burned area. Vehicle engine failure, firefighters entrapped in their vehicle. |

| 1995 | E. Providence, AL | 1 | Volunteer | Unknown | Heart attack |
|------|-------------------|-----|-----------|---|---|
| 1996 | Mariette, OK | 1 | Volunteer | Unknown | Heat attack |
| 1996 | Castle, OK | 1 | Volunteer | Unknown | Heart attack |
| 1996 | Golden City, MO | 1 | Volunteer | Unknown | Heart attack |
| 1996 | Wayne, OK | 1 | Volunteer | Unknown | Engine rollover, victim crushed. |
| 1996 | Fruitland, UT | 1 | Volunteer | Unknown | Heart attack |
| 1996 | Bryee Canyon, UT | | NPS | Unknown | Vehicle rollover - Vehicle was off - road responding to a fire. |
| 1996 | Globe, AR | 1 | USFS | Unknown | Physical training. Crew member died of heat stress during run. |
| 1996 | CDF Fire, CA | 1 | BIA | Unknown | Suicide/hanging. The firefighter left his crew in fire camp and took his own life in the vicinity of the fire. Found 2 days later. |
| 1996 | Colstrip, MT | 2 | PVT. | Prarie fire, short grass, fire changed direction. | Three local people fighting fire from truck w/water and hose. Tire went flat, fire changed direction and overtook them as they tried to outrun the blaze. Burnover. Ages 68, 72 |
| | Total | 699 | | | |



Firefighter Fatalities 1910 - 1996 By Percent

FIRE ENTRAPMENT

| DATE | FIRE NAME / | No. | AGENCY | FIRE ENTRAPMENT FIRE BEHAVIOR OBSERVED | REMARKS |
|-------|--|------|----------|---|--|
| 5,112 | LOCATION | 1101 | 71021101 | THE SELECTION OF SELECT | |
| 1910 | Coeur d'Alene, ID St. Joe | 72 | USFS | Dry fuel and lightning followed by strong winds caused massive firestorms and rapid runs. | Seven large crews were overrun with no access, communication, and little equipment available. |
| 1910 | Cabinet NF | 4 | USFS | Same as above. | Four men panicked in an entrapment situation, ran uphill out of a rock slide being used as a safety zone. |
| 1910 | Pend Oreille NF | 2 | USFS | Same as above. | Two men ran into the flames. Witnesses said they appeared disoriented by smoke. |
| 1926 | King's Canyon Toiyabe NF, CA | 5 | USFS | Unanticipated downslope winds on lee side of Sierras pushed fire into second growth with brush. | Firefighters had gone downhill for water and were trapped on the road when the wind changed. |
| 1929 | Dollar Mt., Colville NF, WA | 1 | USFS | Sudden wind change in relatively light fuels. | Firefighter tried to outrun fire uphill. |
| 1933 | Kamus Burn Okanagon NF, WA | 2 | USFS | Fire in light fuels and wind changed direction. | Firefighter tried to outrun fire but failed. |
| 1933 | Griffith Park, CA | 25 | Other | Fire burned in light chaparral near Griffith Park. Winds shifted. | Firefighters tried to run to safety. 128 injured. |
| 1936 | Chatsworth, NJ | 5 | Other | Wind shift in grass and trees. | Backfire operation. |
| 1937 | Blackwater Shoshone NF, WY | 15 | USFS | Sudden wind caused fire to blow up in douglas-fir reburn. Spotfire made run uphill. | Firefighters went in from top toward spot fire. Part of the crew found safety on a rock point. |
| 1937 | Welcome Lake Huron NF, MI | 1 | USFS | Early spring fire, strong, dry wind from west. Fire crowned in jack pine and plantation. | CCC foremen was pulling his crew out when it started to crown. He was looking for two of his people, died within 100 feet of safety. |
| 1938 | Pepper Run, PA | 8 | Other | Fire burning in mix hardwood on fairly steep slope. Wind shift and cross fireline below. | Squad boss told firefighters to run for safety. All ran uphill and were caught by fire. 134 acres. |
| 1939 | Rock Creek, Humboldt Toiyabe NF, CA | 5 | USFS | Sagebrush and grass fire made an unanticipated run upslope. | Five CCC firefighters from Paradise camp died near the head of Rock Creek. |
| 1939 | Bixby Mt. Carmel, CA San Benito-Monterey Ru | 1 | CDF | Unknown | Died of burns. Calandra lookout was named for him. |
| 1040 | Silver Plume, Lincoln NF, NM | 1 | USFS | Sudden wind change and fire flared up. | Firefighter sleeping outside fireline. |
| 1941 | Kawailoa, HI | 2 | Other | Flashy fuels and the winds changed. | Two firefighters were unable to gain safety in thick staghorn fern. |
| 1943 | Williams Hills Los Padres NF, CA | 1 | USFS | Fire made a run in chamise and buckwheat. | Dozer operator was building line in advance of fire. Dozer threw a track, operator was overrun. |
| 1943 | Rogerson, ID, Burley Dist. I2 | 2 | Unknown | Running brush fire. | Two firefighters trapped at head of the fire. |
| 1943 | Hauser Creek Cleveland NF, CA | 11 | USFS | Sudden wind shift under Santa Ana conditions. Maximum wind 8 mph SW. | Crew of Marines caught in small canyon on main Hauser Creek (72 injuries). |
| 1943 | Sweetwater Canyon, CA San Benito-Monterey Ru, CA | 1 | CDF | Unknown | Died of burns. |
| 1945 | Williams Canyon, CA Near Calandra Lookout San Benito-Monterey Ru | 1 | CDF | Unknown | Died of burns. Body not found until 1946. |
| 1947 | Bryant Canyon Angeles NF, CA | 2 | USFS | Spot fire below men burned upslope, trapping men in unburned fuel. | Burning rat ran out of main fire into brush. Spot fire spread uphill under men. |
| 1948 | Barrett Dam Cleveland NF, CA | 1 | USFS | Winds changed at night from SW to east and fire flared up. | Firefighter was separated from his crew. |
| 1949 | Walton Spur, Stanislaus NF, CA | 1 | USFS | Swirling winds in light fuels in Tuolumne River Canyon. | Dozer operator trapped above fire. |
| 1949 | Warm Springs, Payette NF, ID | 1 | USFS | Unanticipated strong winds caused flare-up. | Firefighter dropped behind crew to eat lunch and was trapped. |
| 1949 | Mann Gulch Helena NF, MT | 13 | USFS | Rapid spread in light fuels burned upslope. Hot dry weather. | Smokejumpers jumped into unburned basin and fire hooked below them. Most firefighters failed to use burned area and were overrun. |

| 1950 | Pelitor Fire, CA San Luis Obispo Ru | 4 | CDF | Unknown | One CDF firefighter and three soldiers died of burns. |
|------|--|----|-------------|---|--|
| 1950 | Cleveland NF, CA | 1 | CDF | Trabucco Road | Fire took off from below. One firefighter made it to safety. |
| 1952 | Glenville Dist. AR | 1 | Other | Sagebrush and grass, high winds, high FDR, and homes threatened. | Individual firefighter fell in exhaustion in the fire's path. |
| 1952 | Morrell Fire, Riverside Ru, CA | 1 | CDF | Unknown | Died of burns. |
| 1952 | Old Camp Fire, Orange Ru, CA | 1 | CDF | Unknown | Died of burns. |
| 1953 | Rattlesnake Mendocino NF, CA | 15 | USFS | Unanticipated evening downslope wind. Local fire behavior | Part of the crew trapped during lunch break on a spot fire, tried to outrun it downhill. |
| 1953 | Bonnie Blue, VA | 1 | Other | Fire burned rapidly up a steep slope. | Firefighter became separated from the crew. |
| 1954 | Tunnel No. 6 , Tahoe NF, CA | 3 | USFS | Mono (dry east) winds caused a flare-up at night. | Firefighters were sleeping in unburned area at edge of fire. |
| 1954 | Gap Creek, TN | 3 | Other | Strong wind pushed upslope and it crowned. | Firefighters were caught on slope above fire. |
| 1955 | Brickyard, NJ | 1 | Other | Spot fire in woods. | Fire surrounded driver, he burned to death along Turner's Road. |
| 1955 | Sagebrush Malheur NF, OR | 1 | USFS | Fire was being mopped up in sage and grass. Drafts from a cumulus cloud caused winds. | Firefighter was separated from his crew and tried to outrun fire uphill. Remainder of crew reached a safety zone. |
| 1955 | Hacienda, CA | 5 | Other | Light fuel, high temp., low RH and unstable. | Foreman and crew were in bowl-like area when flashover occurred. |
| 1955 | Johnson Fire , Prescott, AZ | 1 | Unknown | Fire danger rating "Extreme," and fire made run in light fuels. | Firefighter tried to outrun fire uphill. |
| 1956 | Inaja, Cleveland NF, CA | 11 | USFS | Upslope winds in pm when Santa Ana winds ceased. Fire ran uphill. | Crew working on indirect line in steep canyon. Fire hooked under them before they could reach safety. |
| 1956 | East Highlands San Bernadino NF, CA | 1 | USFS | Upslope wind in light fuel after Santa Anas tapered off at night. | Dozer operator trapped before he could reach safety. |
| 1958 | Albert Ranch, Angeles NF, CA | 1 | USFS | Minor flare-up as wind changed at night. | Firefighter trapped ahead of fire. |
| 1958 | Stewart Cleveland NF, CA | 1 | USFS | Minor flare-up in chaparral under weakening Santa Ana conditions. | Firefighter scouting in brush ahead of fire. |
| 1959 | Decker Cleveland NF, CA | | USFS CDF | Downslope afternoon wind stopped and fire came upslope in early evening. | District Ranger and five men on state highway when fire came upslope, caught them in the open. |
| 1959 | Gun, Angeles NF, CA | 1 | USFS | Minor flare-up. Fire in front country canyon. Winds changed. | Firefighter was laying hose uphill and was caught by fishhook. |
| 1959 | Dry, Sequoia NF, CA | 1 | USFS | Unexpected downslope afternoon wind on east facing slope. | Two firefighters were returning after going downhill for water. Fire came down hill and trapped them there. |
| 1959 | Pennington, TX | 1 | Other | High winds in grassy fuels. | Man on grader got in front of head of fire and was killed. |
| 1959 | San Luis Obispo Ru., CA | 1 | CDF | Unknown | Died of burns. |
| 1960 | Cummings Creek Umatilla NF, OR | 1 | USFS | Unexpected wind change in light fuel on ridge. | Firefighter dropped behind and couldn't keep up with the crew. Fire flared up below them. |
| 1960 | Silver City, NC | 1 | Other | Fire in grass. | Firefighter burned to death while attempting to put out grass fire. |
| 1960 | FL | 1 | Other | Light fuels and unanticipated wind change. | Two people on jeep, one ran to safety. |
| 1961 | Sierra, Angeles NF, CA | 1 | USFS | Sudden, unanticipated wind change. | Firefighter unable to gain safety in time. |
| 1961 | Silver Creek Nez Perce NF, ID | 2 | USFS | Fire spotted in extremely steep terrain light fuel under gusty winds near bottom of fire. | Crew went to a chute above spot fire, but all except two left chute when danger was obvious. |
| 1961 | Los Posadas, Napa Ru, CA | 1 | CDF | Gasoline used at the fire station. | Died of burns. |
| 1962 | Timberlodge Sierra NF, CA | 4 | USFS | Hot, dry, unstable atmosphere and light fuels. | Tornado-like action from air tanker vortices probably caused fire to blow up and trapped firefighters. |
| 1964 | Coyote Los Padres NF, CA | 1 | USFS | Downslope wind through saddle in early afternoon. | Firefighters panicked and ran to lower part of saddle where temperatures and carbon monoxide concentrations were too high. |
| 1964 | Joshua Falls, VA | 1 | Other | Fire burned up draw toward firefighters. | One firefighter apparently refused to follow and was killed by heat. |

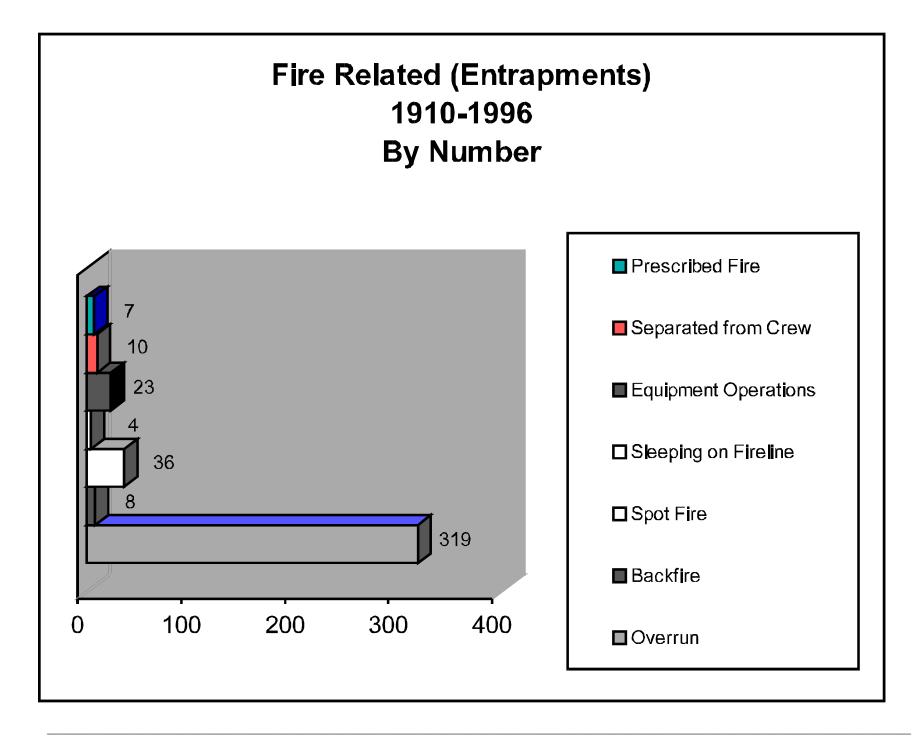
| 1964 | Don Pedro Fire Tuolumne Ru, CA | 1 | CDF | Unknown | Died of burns. |
|------|---|----|-------------|---|---|
| 1965 | Helker, NC | 1 | Other | Wind speed increased, Burning in sedge. | Man helping in control burn was caught in wire fence and burned. |
| 1965 | Fairview Hollow, KY | 3 | Other | Fire in light fuels on steep slope. | Firefighters overrun by fire on steep slope. |
| 1965 | Liebre Fire, Angeles N.F., CA | 1 | L.A. County | Unknown | L.A. Captain died setting backfire to save engine crew. |
| 1966 | Loop Angeles NF, CA | 12 | USFS | Unanticipated upslope wind in afternoon after Santa Ana winds stopped. | Crew cutting handline downhill in a chimney and part of the crew was unable to reach safety. |
| 1967 | Balliff, San Bernadino NF, CA | 1 | USFS | Flare-up at night in light fuel on steep slope. | Firefighter fell trying to escape flare-up. |
| 1967 | Sundance Kootenai NF, MT | 2 | USFS | Fire blew up and made major run toward north under strong wind conditions. | Dozer operator and firefighter were ahead of fire and overrun. They tried to hide under the blade. |
| 1967 | Slaughter Apache NF, AZ | 1 | USFS | Fire became intense in precommercial thinning slash. | Incident Commander tried to outrun fire and couldn't hear warning calls from crew on road. |
| 1967 | Windsor, SC | 1 | Other | Weather dry and windy. Fire was moving fast and erratic in pine. | Firefighter trapped by fast moving head fire in dense smoke. |
| 1967 | MS | 1 | Other | Small fire, flashy fuels and gusty winds. | Firefighter lost backfire. Died of wounds three days later. |
| 1967 | Range, KS | 1 | Other | Fire in dense grass. | Firefighter panicked and tried to outrun fire. |
| 1967 | Ginnis Lake WI, DNR | 1 | Other | Red pine plantation and oak near lake. | One man on tractor with plow was on a spot fire ahead of the main fire and was caught by fire. |
| 1968 | Canyon Angeles NF, CA | 8 | USFS | Santa Ana weakened and unanticipated wind pushed fire upslope in late morning. | Firefighters tried to outrun fire uphill after flare-up in brush below them. |
| 1968 | NC | 1 | Other | Unknown | A county ranger was suppressing fire. Died of third degree burns. |
| 1968 | Ivey, FL | 1 | Unknown | Heavy wiregrass. Unanticipated wind. | Dozer caught on stump. Operator overrun by fire. |
| 1968 | North Carolina #2, NC | 1 | Other | Unknown | Man, age 84, tried to beat fire with pine tops. Clothes caught fire, was dead when found. |
| 1968 | Williams, Coronado NF, AZ | 1 | USFS | High temps, local gusty winds, cumulus clouds near the fire. | Burned trying to outrun fire. |
| 1970 | Shasta-Trinity NF, CA | 1 | USFS | Unknown | Smoke jumper fatality. |
| 1971 | Banning (also known as Mack 2) San Bernadino NF, CA | 1 | USFS | Fire ran upslope in early evening. | Member of engine crew was laying hose downhill from road at night. |
| 1971 | Eagle Rock, VA | 1 | Other | Reburn in rhododendron. Steep slope. | Three men were felling snags and were trapped by fire. |
| 1971 | Romero Los Padres NF, CA | 4 | USFS | Strong "sundowner" (Santa Ana) wind pushed fire downhill in the evening. | Dozer operator and three firefighters burned to death as they hurried downhill. |
| 1972 | Warthog Morgan Co., TN | 1 | Other | Small 24 ac. fire. Wind gusts 20-25 mph. Fire crossed plowed line. | Plow operator trapped and suffocated on bench on upper side of fire. |
| 1973 | Bell Valley, CA | 1 | CDF | Light brush. Weather clear and hot. Gentle rolling topography. | Equipment engineer and firefighter working on flank of fire near a gully. Man ran to road after a flare-up, but died. |
| 1975 | Stockton, UT | 2 | Other | Sagebrush and grass, gentle to rolling topography. Wind changed direction. | Two county deputy sheriffs were working on flank of a small fire when the wind shifted. |
| 1976 | Battlement Creek Fire Grand Junction CO, BLM | 3 | Other | Frost-killed brush slope and narrow chimneys induced extreme fire behavior and uphill runs. | High intensity uphill run occurred during firing operations below a saddle exposed ridgeline. |
| 1976 | Buhler, KS | 1 | Other | Flashover occurred from building up gases on lee side of the wind break. | Fireman tried to outrun fire. An engine also burned. |
| 1977 | Cart Creek , Ashley NF, UT | 3 | USFS | Wind changed on steep slope. Small fire. | Fire overtook crew on steep slope in sagebrush grass. |
| 1977 | Okanogan NF, WA | 1 | USFS | Steep slopes, ponderosa pine. Fire spotted across canyon and spread rapidly uphill. | Foreman was scouting and fire crossed the canyon below him. |
| 1977 | New Jersey #1, NJ | 1 | Unknown | Shifting winds in 10' grass in a gully. Spot fires. | Firefighters overrun after spot fires experienced. |

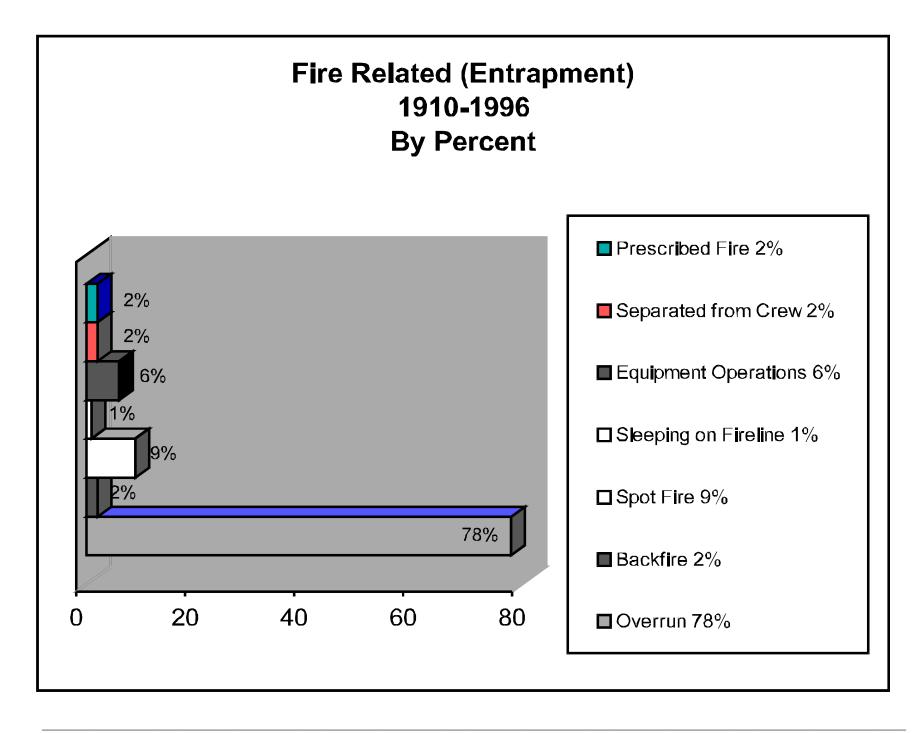
| 1977 | Bass River, NJ | 4 | Other | Crown fire during drought conditions. | Crew in converted military truck were trapped when they missed evacuation message. |
|------|--|---|------------------------------------|--|---|
| 1977 | Honda Canyon Vandenburg AFB, CA | 3 | Other | Change in wind in dry brush with erratic winds 80 mph. Fire was pushed downhill in light brush by Santa Ana winds. | Fire Chief and assistant trapped while checking fire perimeter. Dozer operator also overtaken while widening fireline. All ran downhill to escape. |
| 1977 | Riverside, TX | 1 | Other | Winds gusting to 45 mph. Fire in heavy grass with strong winds. | Firefighter became trapped after engine became immobilized. Man trapped between fire and truck, fell and burned. |
| 1977 | Washington #1, WA | 1 | Unknown | 30 to 40 mph winds with convection currents creating 100' wide 1000' high whirlwind of fire. | Firefighter was trapped as he attempted to extinguish a burning field of grass. |
| 1978 | Lost Creek, OR | 1 | BLM | Slash burning 15 acres. Doug-fir clearcut. | One firefighter was trapped in burning operation and died. |
| 1978 | Terrell County, GA | 1 | Other | Fire in pine/grass pushed by 17 mph winds. | Tractor plow operator became confused in smoke and went into fire. |
| 1979 | Oklahoma #, OK | 1 | Unknown | Wind shifted, brought fire around crew. | Firefighters drove trucks into unburned grass to attack fire. Victim was caught trying to outrun fire on foot. |
| 1979 | Ship Island Salmon NF, ID | 1 | USFS | Rapidly increasing fire. | Crewman and others were in helispot when the fire came. Victim succumbed to smoke and hot air inhalation in fire shelter which had been deployed near a pile of gear. He was not wearing gloves. |
| 1979 | Spanish Ranch, CA San Luis Obispo Ru | 4 | CDF | Sudden change in wind direction trapped crew. | Crew walking on dozed fireline were overrun by fire. |
| 1979 | Okefenokee, FL | 1 | Other | Prescribed fire escaped and became a wildfire with a sudden wind shift. | Tractor plow operator overrun by escaped prescribed fire. |
| 1979 | Texas | 1 | Unknown | Brush, pasture fire. | Firefighter riding on back step of brush fire engine, flanking the fire. Smoke and heat became too intense, engine pulled off fireline, losing firefighter off the back. Firefighter taken to hospital, died 3 days later of thermal burns. |
| 1980 | Mack Lack Huron Manistee NF, MI | 1 | USFS | Prescribed burn escaped into dense pine. | Tractor operator building fireline was swept over by fire. Tried to escape by foot. |
| 1980 | Texas #2, TX | 1 | Unknown | Unknown | Firefighter fatally burned by grass fire. |
| 1981 | Merritt Island, FWS, FL Kennedy Space Center, | 2 | Other | Winds shifted and increased to 45 mph. Heavy fuel stressed by drought conditions. | Two person tractor plow crew was overrun by fire, attempted to out run fire. |
| 1981 | Elizabeth Angeles NF, CA | 1 | USFS | Unknown | Fire grew on spot fire crew. They escaped opposite chief, then left local department. Chief drove out of fire, but died when he returned to search for departed crew. |
| 1981 | Williams Hill, SC | 1 | Unknown | Variable winds, heavy fuels stressed by drought conditions. | Operator plowing fireline became trapped. He sought shelter under tractor, got hot and tried to run through fire. Second firefighter ran to safety of nearby road. |
| 1982 | Canoe Landing, WI Eau Claire Co. Forest | 1 | Other | Erratic wind conditions. Fire involved timber and brush. | Sudden change in wind direction trapped a tractor plow operator while plowing fireline. |
| 1983 | Mechlenburg | 1 | Unknown | Firewhirl developed in portion of logging debris unit being burned. Spot fire occurred in adjacent plantation. | Prescribed burn in logging debris. Operator of plow caught by firewhirl as he attempted to suppress spot fire. |
| 1983 | Nevada #1 | 1 | Carson City District, BLM NV | Winds shifted during backfire operation. | Two groups were conducting a backfire operation when winds shifted. Both drove out of the area thinking victim was with the other group. Victim's fire shelter was with one of the engines. |
| 1983 | Utica, NY | 1 | Unknown | Unknown | Using firebroom to extinguish grass fire. |
| 1983 | Medina, OH | 1 | Unknown | Unknown | Extinguishing a grass fire. |
| 1983 | Beverly, MA | 1 | Unknown | Unknown | Advancing a hoseline at a woods fire. |
| 1983 | Holland, OH | 1 | Unknown | Unknown | Extinguishing a leaf fire. |
| | | | | | |

| | 1 | | 1 | | |
|------|---------------------------------------|---|-----------|---|---|
| 1983 | Hope Mill, NC | 1 | Unknown | Unknown | Working at a woods fire. |
| 1983 | Claflin, KS | 1 | Unknown | Unknown | Extinguishing a grass fire. |
| 1983 | Nara Vista, NM | 1 | Unknown | Unknown | Fighting a grass fire. |
| 1984 | Joshua, TX | 1 | Unknown | Unknown | Operating at a grass fire. |
| 1984 | Spicewood, TX | 1 | Unknown | Unknown | Operating at a brush fire. |
| 1984 | Mena, AR, Ouachita NF | 2 | USFS | Unknown | Cutting fireline. |
| 1984 | Rainbow Springs Ouachita NF, AR | 2 | USFS | Moderate drought conditions, 30 mph winds, fire burning in pine and brush on 30-50% slope. | A tractor boss and dozer operator were caught in sudden flare- upwhile traveling down fireline. Abandoned dozer and tried to out run fire. |
| 1984 | Sweet Home, OR | 1 | BLM | Unknown | Working at prescribed burn of 46 acres. |
| 1984 | Clear Lake, CA, Lake- Napa Ru | 1 | CDF | Light fuels | Stretching hoseline to fire, no safety gear, direct attack. |
| 1984 | Texas #3, TX | 1 | Unknown | 42 mph winds with fire burning in grass and rangeland. Wind suddenly changed direction. | Firefighter took position near the head of the fire to attack with hoseline. Wind changed direction pushing fire towards engines. Firefighter abandoned their engines and tried to out run fire. |
| 1985 | Kahneetah Lodge Warm Springs, OR | 2 | BIA | Fire burning in sagebrush, grass and juniper. | Three people tried to extinguish fire by beating flames with blankets. It appeared to be under control, fire below them ran. Two ran uphill, flanking perimeter and were over run. One survivor took refuge in the black, severe burns. |
| 1985 | Sandlin Bay, Columbia, CO | 1 | Unknown | Fire spotted across line during severe drought conditions | Operator of dozer caught by fire while cutting line. |
| 1985 | Golden Gate Ests. FL, DNR | 1 | Other | Fire developed 3 different heads and blew up as heads drew together in heavy fuels which had been killed earlier by freeze. Winds 20 mph. | Operator of plow unit unaware of adjacent fire heads. Trapped and over run by fire. |
| 1985 | Adams Run Summersville, SC | 1 | Unknown | Drought conditions and 30 mph winds caused erratic fire behavior. Sudden increase in spread rate and intensity. | Tractor operator plowing line caught by rapid fire progress. |
| 1987 | Lake Co. Lauder, CA | 1 | CDF | Unknown | CDF helitack crew member was caught by rapid fire progression. |
| 1988 | Blue Hole #6, OR | 1 | Other | Prescribed burn | Contractor entrapped on prescribed burn. No shelter deployed. |
| 1989 | Buckhorn, OH, DNR Wayne-Hoosier NF | 1 | Other | Late morning wind shift resulted in sudden increase in fire. | No shelter deployed. Possible methane gas implication from nearby mines. |
| 1989 | TX | 1 | Unknown | Unknown | Burned cutting fireline. |
| 1990 | Dude Fire Tonto NF, AZ | 6 | State | | State crew was trapped in a shallow draw. Shelters were deployed. Some victims were seen running with their shelters. Poor communication, entire fire using one radio channel. No safety zones accessible to this crew. |
| 1990 | California Fire, CA Riverside Ru | 2 | State | Backfiring from handline. Overrun by fast running fire on moderate to steep slopes in light fuels during heavy shifting winds and extreme temperatures. | Entrapment of state crew (17), shelters were deployed, three others sustained burns. |
| 1990 | Wasatch State Park, UT | 2 | State | Winds increased in speed, fire seen spotting. | Entrapment of state crew in Wasatch Mtn. One shelter deployed. Dozer operator and deputy sheriff fatally burned. |
| 1990 | Grand Coulee, WA | 1 | Pvt. | Unknown - volunteer | Asphyxia and burns trying to outrun fire. |
| 1991 | Neon, KY | 2 | Pvt. | Unknown - volunteer | Burned in sudden flare up. |
| 1993 | Angeles NF, CA | 2 | LA County | Spotting above crew. Urban interface fire. | Fire burned over. Some shelter deployment did occur. |
| 1993 | Santa Fe NF, NM | 1 | USFS | Major, localized wind event 40-50 mph. | 20 acre spot fire on 16,000 acre prescribed burn. Trapped sixteen crew persons. |

Fire Related (Entrapments) - 20

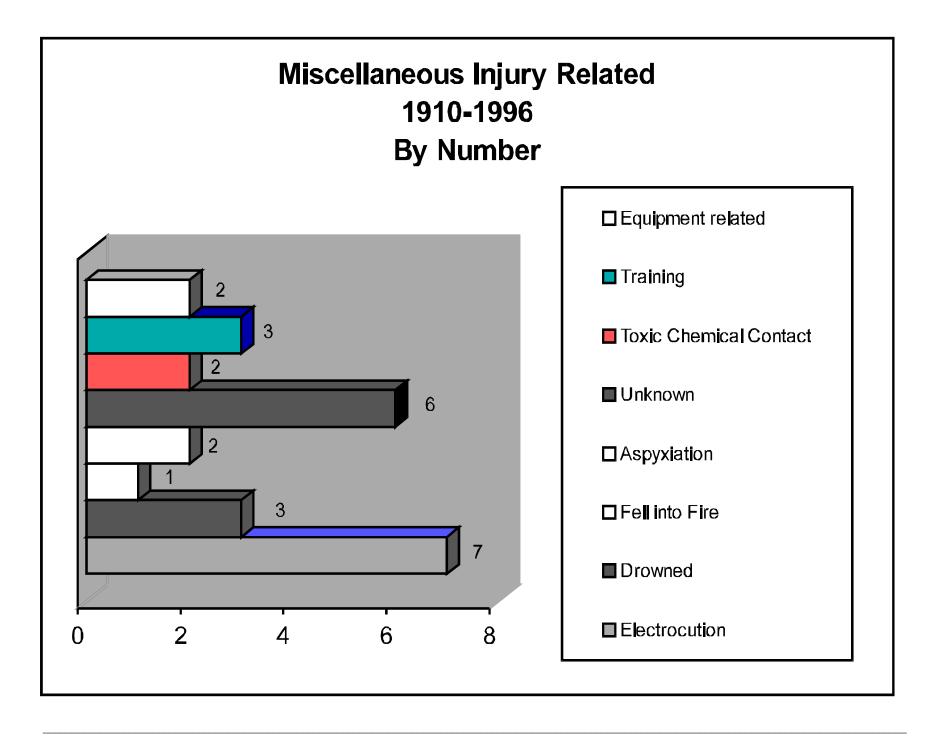
| 1994 | Augusta, WI | 1 | Unknown | Grass fields and oak ridges approx. 80 acres. Large gust of wind suddenly increased flame heights from 1 - 2 ft. to 20 - 25 ft in seconds. | Burnover- Firefighters tried to outrun advancing 25' wall of fire on foot and one fell, receiving 3rd degree burns over 50% of body. Died 15 days later. He was wearing turnout gear, coat, helmet, and boots. |
|------|--|-----|---------------------|--|--|
| 1994 | Hull Mtn. Fire Medford, OR | | Contractor, USFS | | Burn over - dozer - critical fire behavior predictions not available to victim. Individual working alone, no communications, no lookout, no dozer boss. Victim had no wildland firefighter training. |
| 1994 | Cedar Fire Brasstown RD Chattahouchee, Oconee N.F., GA | 1 | USFS | | Victim was pulling of the line with two other firefighters and following a logging road away from fire. The victim was last seen stopping and deploying shelter as if too exhausted to continue on. Burn - over. |
| 1994 | South Canyon Fire Glenwood Springs, CO | 14 | BLM / USFS | recognized. A cold front passed through maximum rates of spread of 18 mph and flames as high as 200-300 feet. | provided to firefighters, adequate lookouts not used, escape routes |
| 1994 | Tennessee State | 1 | PVT. | Grass fire leading into hardwood forest. | Civilian started grass fire on own property, it escaped into hardwood forest. Civilian was trying to extinguish when fire changed direction and trapped him. |
| 1995 | Point Fire Kuna RU, ID | 2 | Volunteer | Sudden winds gusted 40 to 50 mph. Firefighters left burned area and drove in to heavy, unburned fuels. | Burnover - Decision by the firefighter to leave the safety of the burned area. Vehicle engine failure. Firefighters entrapped in their vehicle. |
| 1996 | Colstrip, MT | 2 | PVT. | Prairie fire, short grass, fire changed direction. | Three local people fighting fire from truck w/ water and hose. Tire went flat, fire changed direction and overtook them as they tried to outrun the blaze. Burnover. Ages 68, 72 |
| | Total | 407 | | | |

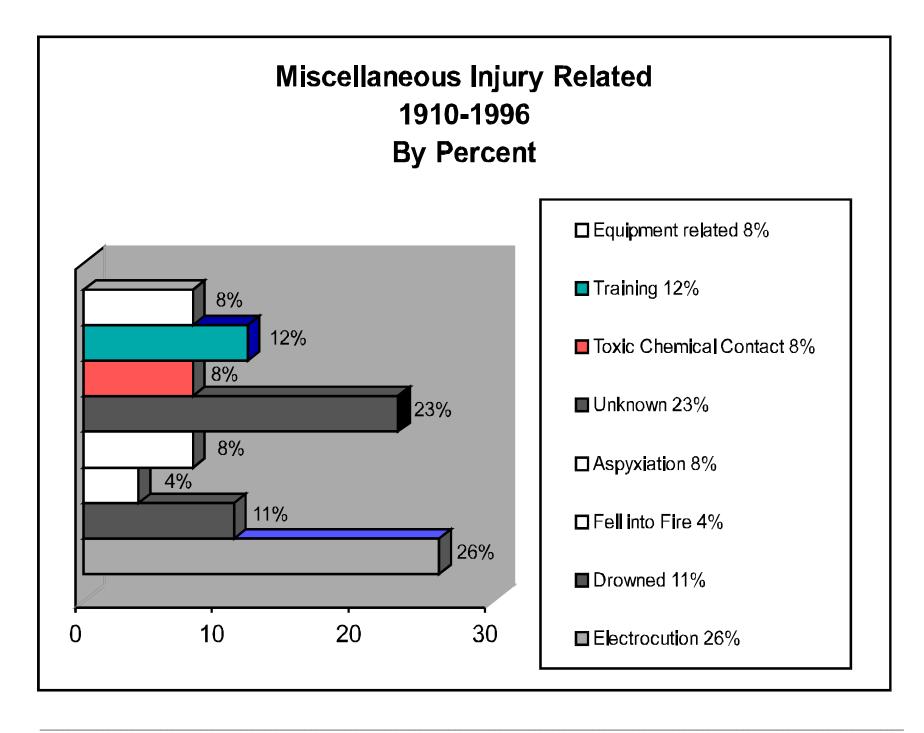




MISCELLANEOUS INJURY RELATED

| DATE | FIRE NAME / LOCATION | No. | AGENCY | FIRE BEHAVIOR OBSERVED | REMARKS |
|------|---------------------------------------|-----|---------|--------------------------------------|---|
| 1931 | Coffee Mill, Mariposa Ru, CA | 3 | CDF | Unknown | |
| 1945 | San Diego Ru, CA | 1 | CDF | Unknown | Died of a result of injuries sustained at a fire. He was talking with dozer operator, caught his pants in the tracks and was pulled between the tracks and fenders. |
| 1949 | Hells Canyon, Payette NF, ID | 1 | USFS | Fire fanned by high winds. | Firefighter stumbled and fell into fire. |
| 1950 | Orange Ru, CA | 1 | CDF | Unknown | Died of asphyxiation. |
| 1954 | Tulara Ru, CA | 1 | CDF | Unknown | Died as a result of contact with toxic chemicals. |
| 1958 | Shasta Ru, CA | 1 | CDF | Unknown | Died of electrocution. |
| 1963 | Mt. Bullion-Madera Mariposa Ru, CA | 1 | CDF | Unknown | Died of electrocution. |
| 1965 | Kyle Fire, Riverside Ru, CA | 1 | CDF | Unknown | |
| 1965 | Eldorado NF, CA | 1 | USFS | Unknown- occurred during nightshift. | Firefighter died of asphyxiation staying warm in vehicle. |
| 1966 | Fairbanks, AK | 1 | BLM | N/A | Smokejumper strangled during let-down after practice jump. |
| 1971 | Hog | 1 | Other | Unknown | National Guard drowned while swimming in river near fire camp. |
| 1975 | San Benito-Monterey Ru, CA | 1 | CDF | Unknown | Died of electrocution at a fire. |
| 1979 | Orange Ru, CA | 1 | CDF | Unknown | Died of toxic chemical exposure. |
| 1979 | SW, OR | 1 | Other | Unknown | Reported in AugSept. 1979, Western Conference Journal. |
| 1979 | Central, AK | 1 | BLM | N/A | Firefighter drowned in creek while swimming at fire camp. |
| 1984 | Jackson, CA Amador - El Dorado Ru | 1 | CDF | Light Fuels | Operating a backpack extinguisher on a grass fire, stepped on a power line. |
| 1985 | Midway, FL | 1 | Unknown | Unknown | Handling a charged hose. |
| 1988 | Belle River, IL, Vol. FD | 1 | PVT | Unknown | Electrocuted after contact with down powerline |
| 1989 | Curren Mt. Fire, Nez Perc NF, ID | 1 | USFS | Unknown | Forest Service employee drowned while in fire camp. |
| 1991 | Oakland, CA | 1 | PVT | Unknown - Oakland Fire Department | Burned after being struck by powerline, wildland urban interface fire. |
| 1991 | Collinsville, AL | 1 | PVT | Unknown - volunteer | Electrocuted by down powerline. |
| 1991 | Missoula, MT | 1 | USFS | Unknown | Fire training. 5-31-93 |
| 1996 | Globe, AR | 1 | USFS | Unknown | Physical training. Crew member died of heat stress during run. |
| 1996 | CDF Fire, CA | 1 | BIA | Unknown | Suicide/hanging. The firefighter left his crew in fire camp and took his own life in vicinity of the fire. Found 2 days later. |
| | Total | 26 | | | |



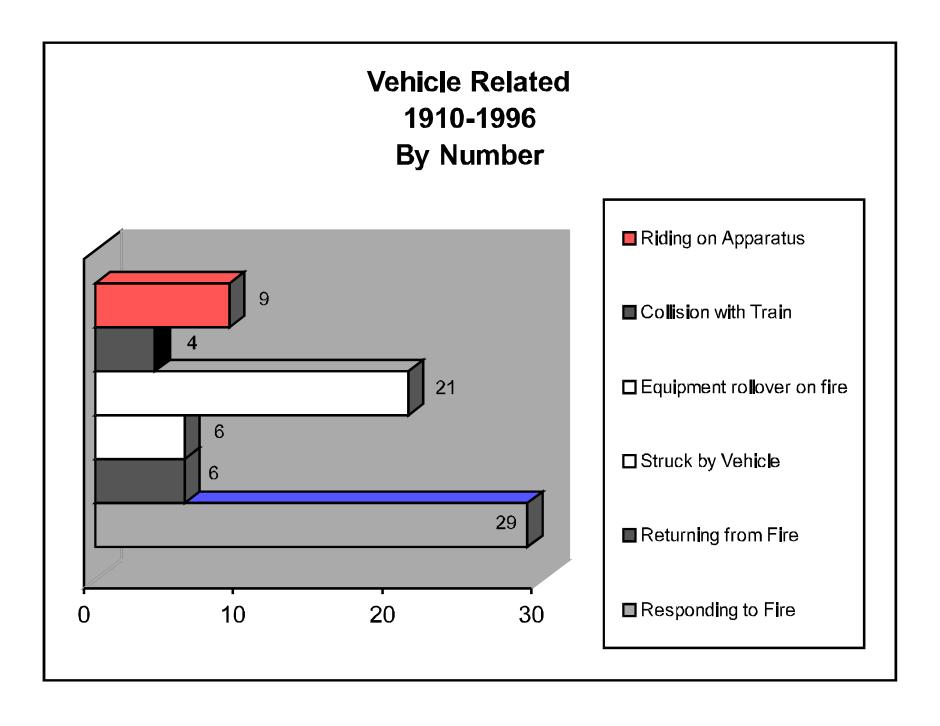


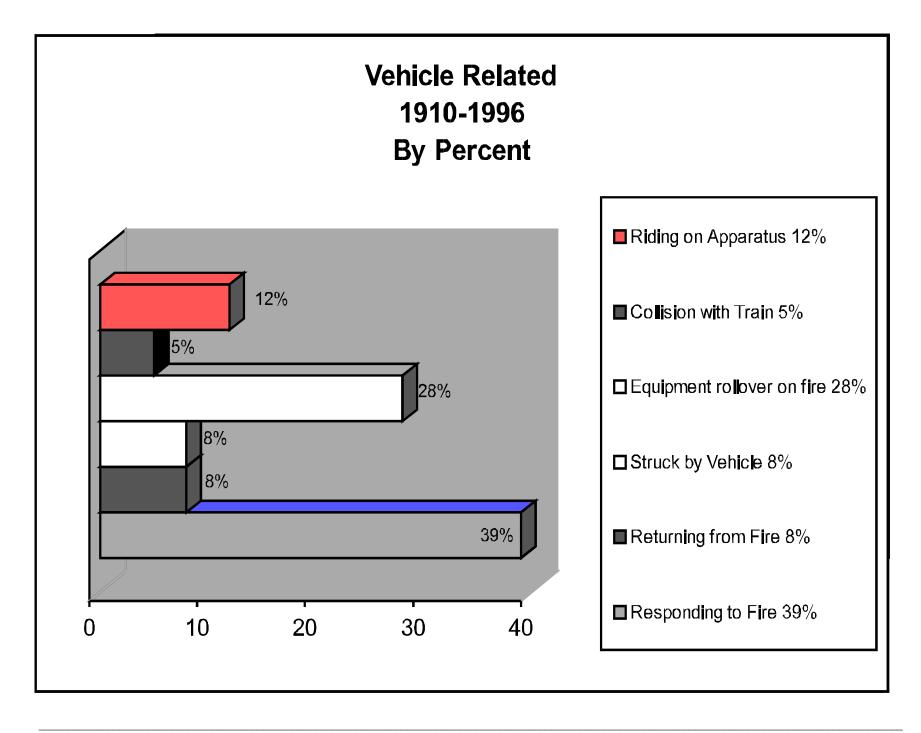
VEHICLES

| DATE | FIRE NAME / LOCATION | No. | AGENCY | FIRE BEHAVIOR OBSERVED | REMARKS |
|------|---------------------------------------|-----|-------------|---------------------------|---|
| 1935 | Western Orange Co., CA | 1 | CDF | Unknown | Vehicle accident on the way to a fire in the woods. |
| 1942 | Weed Siskiyou Ru, CA | 1 | CDF | Truck fire | Firefighter was run over by a vehicle at the scene of a truck fire. |
| 1946 | San Luis Obispo Ru, CA | 1 | CDF | Unknown | Died as a result of an engine rollover in fire. |
| 1949 | Oroville, Butte Ru, CA | 3 | CDF | Unknown | Killed while responding to a fire. Vehicle accident. |
| 1953 | Little Ti Fire, CA | 1 | L.A. County | Unknown | Chief of L.A. Fire Dept. Killed responding to fire. |
| 1954 | San Benito Ru, CA | 1 | CDF | Unknown | Died when engine was struck by train. |
| 1954 | Sugar Loaf Fire Calaveras Ru, CA | 1 | CDF | Unknown | Died when dozer rolled over. |
| 1956 | Beegum Fires, Shasta, CA | 4 | CDF | Unknown | Died in vehicle accident returning to station from fire. |
| 1964 | San Bernadino Ru, CA | 1 | CDF | Unknown | Engine collided with a train. |
| 1967 | San Benito Monterey Ru, CA | 1 | CDF | Unknown | Died in dump truck accident. |
| 1968 | Sonoma Ru Briggs Crk., CA | 1 | CDF | Unknown | Died in a vehicle accident. Engine rolled over. |
| 1969 | Campbell Crk. Butte Ru, CA | 1 | CDF | Unknown | Died in a vehicle accident. Engine rolled over. |
| 1974 | Washington | 5 | Unknown | Grass fire, steep canyon. | 5 firefighters riding on the outside of an engine were crushed when engine rolled, while climbing up a steep hill to the head of a grass fire. |
| 1978 | Shoshone, ID | 1 | BLM | N/A | Engine returning from fire went off road and rolled over. |
| 1980 | Santa Clara Ru, CA | 1 | CDF | Unknown | Engine rolled down a steep burning hill. Winching accident. |
| 1980 | California | 1 | Unknown | Unknown | Firefighter was on top of engine operating a hand line and trying to cut off head of fire. Driver, in heavy smoke, drove into gully rolling the engine and crushed firefighter. |
| 1983 | Avoca, PA | 1 | Unknown | Uknown | Responding to grass fire. |
| 1984 | Forest Hill, LA | 1 | Unknown | Unknown | Responding to grass fire. In private vehicle. |
| 1984 | Northfield, VT | 3 | Unknown | Unknown | Responding to grass fire in Roxbury, VT. |
| 1984 | Cornelia, GA | 1 | Unknown | Unknown | Responding to grass fire. |
| 1984 | Cottage Grove, OR | 1 | Unknown | Unknown | Responding to forest fire. |
| 1984 | Humansville, MT | 2 | Unknown | Unknown | Responding to grass fire. |
| 1984 | Kentucky | 1 | Unknown | Grass fire | Firefighters riding on back of engine as driver backed down dirt road, engine passed over rut, bounced off one firefighter who was run over by the rear wheels. |
| 1986 | Anderson Creek Fire Boise N.F., ID | 4 | USFS | Unknown | 4 crew members were killed when the army truck they were riding in drove off the road and over turnedArmy deuce & a half. |
| 1987 | Klamath NF, CA | 1 | Other | Unknown | CA National Guard was killed in accident. |
| 1987 | Klamath NF, CA | 1 | USFS | Unknown | Forest Service employee struck by motorcycle. |
| 1987 | Shasta Trinity NF, CA | 1 | Other | Unknown | Contractor killed when his dozer rolled over him on fire. |
| 1987 | Clanton, AL Gap Mtn. Vol. FD | 1 | PVT. | Unknown | Severe thermal burns resulting from being trapped in the cab of a tanker that rolled over returning from woods fire. |
| 1987 | Douglas, KS, Butler Vol. FD | 1 | PVT. | Unknown | Fell from extended bumper area of brush vehicle and crushed by wheels. |
| 1987 | Kansas | 1 | Unknown | Grass fire. | Firefighter riding on left front fender of engine using booster hose, was bounced off and run over by front and rear wheels. |

| 1988 | Rosholt,WI, Vol. FD | 1 | PVT. | Unknown | Lost control on curve while driving engine to grass fire. |
|------|------------------------------|----|---------------------|--|---|
| 1988 | Munfordville, KY, Vol. FD | 1 | PVT. | Unknown | Thrown from cab of engine and crushed while responding. |
| 1988 | Tampa, FL, Hillsboro Vol. FD | 1 | PVT. | Unknown | Struck by a truck at an intersection while responding in brush unit. |
| 1988 | MT | 1 | BIA | Unknown | BIA employee killed in vehicle accident. |
| 1988 | Brush Coulee Fire, MT | 1 | BIA | Unknown | Apparatus rolled off hillside. |
| 1988 | Bellevue, ID | 1 | PVT. | Unknown - volunteer | Crushed by over turned tanker. |
| 1988 | New Albany, IN | 1 | PVT. | Unknown - volunteer | Tanker over turned returning from brush fire. |
| 1988 | Bushnell, FL | 2 | PVT. | Unknown - volunteer | Struck by semi-truck while at grass fire. |
| 1989 | Noel, MO | 1 | PVT. | Unknown - volunteer | Motor vehicle accident while responding to timber fire. |
| 1990 | Havre de Grace, MD | 1 | PVT. | Unknown - volunteer | Collision enroute to station for fire-storm emergency. |
| 1991 | Hendersonville, TN | 1 | PVT. | Unknown - volunteer | Tanker rollover while responding to fire. |
| 1992 | Kennewick, WA | 1 | PVT. | Unknown | Volunteer killed while riding on fire apparatus. Vehicle rolled over. |
| 1992 | Mansfield, LA | 1 | PVT. | Unknown | Apparatus crash. |
| 1992 | Caldwell, TX | 1 | PVT. | Unknown | Apparatus crash. |
| 1992 | Crowley, TX | 1 | PVT. | Unknown | Apparatus rollover. |
| 1992 | Menard, TX | 1 | PVT. | Unknown - volunteer | Collision with tanker responding to grass fire. |
| 1992 | Bryan, TX | 1 | PVT. | Unknown - volunteer | Lost control while responding to grass fire. |
| 1993 | Forest Grove, OR | 1 | ODF. | Unknown - Seasonal Firefighter | Apparatus roll. |
| 1993 | Howell, NJ | 1 | PVT. | Unknown - volunteer | Struck by vehicle. |
| 1994 | Alva, OK | 1 | Volunteer | Firefighter attempting to cut off and supress a fire blowing up a canyon below them. | Engine over throw - Firefighter riding on back of engine at night in heavy smoke. Driver drove off edge of canyon wall, firefighter on back was thrown off and engine landed on top of him. |
| 1994 | Vantmallo, AL | 1 | Volunteer | Unknown | Water Tender accident. |
| 1994 | Lewellen, NE | 1 | Volunteer | Unknown | Water Tender accident. |
| 1994 | Danny Fire Plumas, N.F., CA | 1 | Contractor, USFS | Unknown | Water Tender Accident - water tender operator involved in a single vehicle accident while enroute to fire. Operator died at scene. |
| 1994 | Boise N.F., ID | 1 | EFF, BLM | Unknown | Motor vehicle accident - An employee of fire cache died following a vehicle accident while delivering cache supplies to a fire. |
| 1995 | Claude, TX | 2 | Volunteer | Unknown | Vehicle/Train |
| 1995 | Willard, NM | 1 | Volunteer | Unknown | Vehicle |
| 1996 | Wayne, OK | 1 | Volunteer | Unknown | Engine rollover, victim crushed. |
| 1996 | Bryce Canyon, UT | 1 | Volunteer | Unknown | Vehicle rollover - Vehicle was off - road responding to a fire. |
| | Total | 75 | | | |

Vehicle Relatred - 28





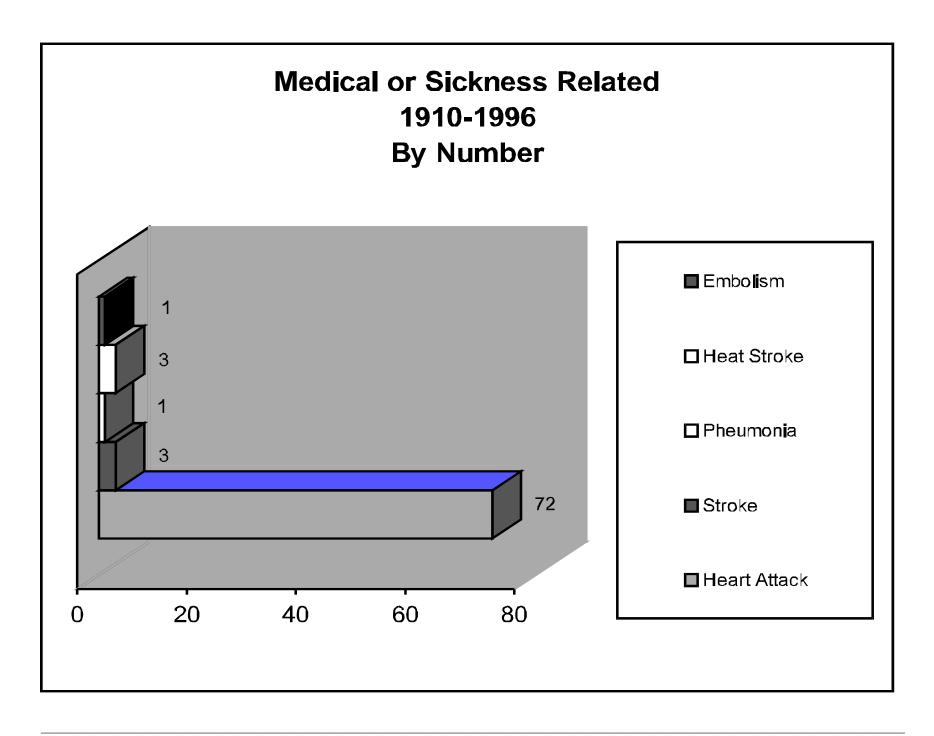
NATURAL ACTIVITY RELATED

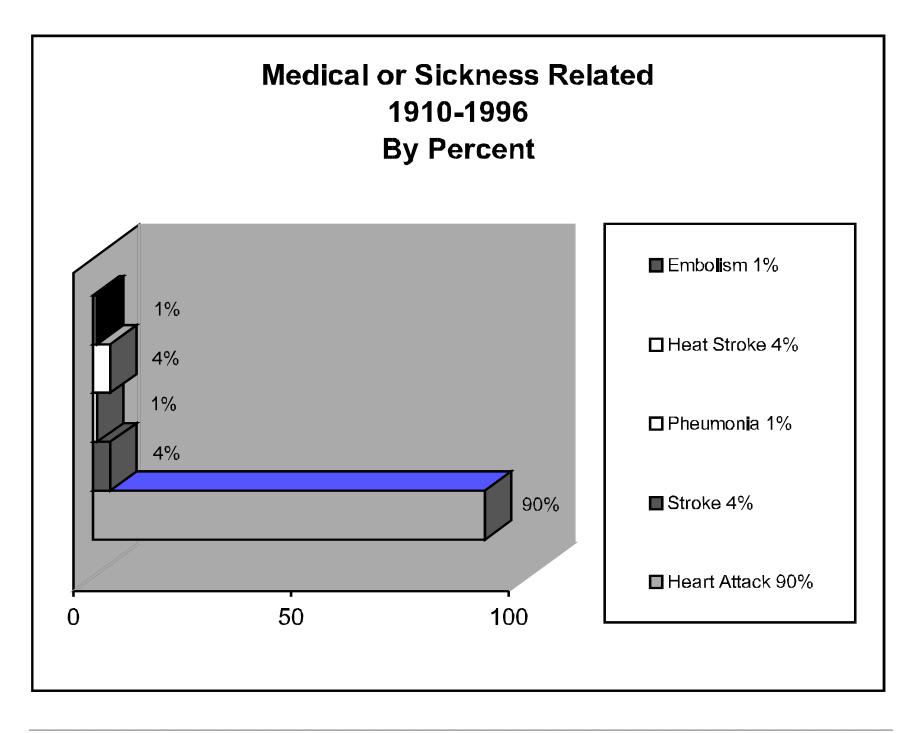
| DATE | FIRE NAME / LOCATION | No. | AGENCY | FIRE BEHAVIOR OBSERVED | REMARKS | | |
|------|-------------------------|-----|--------|------------------------|-----------------------------------|--|--|
| 1989 | Tonto, NF, AZ | 1 | BIA | Unknown | BIA employee struck by lightning. | | |
| | Total | 1 | | | | | |

MEDICAL or SICKENESS RELATED

| DATE | FIRE NAME / LOCATION | No. | AGENCY | FIRE BEHAVIOR OBSERVED | REMARKS |
|------|---------------------------------------|-----|---------|--|---|
| 1944 | Hot Spring, Payette NF, ID | 1 | USFS | Unknown | Man found in sitting position on trail, fire had burned around him. Suspected heart attack or other health problem. |
| 1949 | Napa Ru, CA | 1 | CDF | Unknown | Died of heart attack. |
| 1953 | Tulare Ru, CA | 1 | CDF | Unknown | Died of heart attack while dispatching. |
| 1953 | Hill Ranch, El Dorado Ru, CA | 1 | CDF | Unknown | Died of heart attack on fire. |
| 1956 | Humboldt Ru, CA | 1 | CDF | Unknown | A cook died of a heart attack while on duty. |
| 1956 | Sonoma Ranger Unit, CA | 1 | CDF | Unknown | Died of heart attack. |
| 1959 | Stable Fire San Bernadino N.F., ID | 1 | Unknown | Very hot, dry, unstable atmosphere. | Tried to outrun fire but apparently had a heart attack. |
| 1959 | Butte Ru, CA | 1 | CDF | Unknown | Died after a heart attack, just finishing his shift at fire. |
| 1960 | Lumberyard Fire Orange Ru, CA | 1 | CDF | Unknown | Died of pneumonia contracted on the fire. |
| 1962 | Lassen-Modoc Ru, CA | 1 | CDF | Unknown | Died of heart attack. |
| 1963 | Susanville-Lassen-Modoc, CA | 1 | CDF | Unknown | Died of heart attack. |
| 1963 | GA | 1 | Other | Escaped control burn. | Firefighter overcome by smoke and/or coronary. |
| 1964 | Tulare Ru, CA | 1 | CDF | Unknown | Died of heart attack while dispatching. |
| 1965 | Santa Clara Ru, CA | 1 | CDF | Unknown | Died of heart attack. |
| 1968 | Riverside Ru, CA | 1 | CDF | Unknown | Died of heart attack. |
| 1972 | Mud Springs Fire Mendocino Ru, CA | 1 | CDF | Unknown | Crew supervisor died of heart attack on the fire. |
| 1972 | Burnt Ridge Fire | 1 | Unknown | Unknown | Heart attack, firefighter collapsed on the fireline. |
| 1973 | Monterey Ru, CA | 1 | CDF | Unknown | Lookout died of heart attack. |
| 1973 | GA | 8 | Other | Escaped control burn. | Eight firefighters were shown to have died of heart attacks. 3 over 70 yr. |
| 1978 | Shasta Ru, CA | 1 | CDF | Unknown | Died of heat stroke. |
| 1979 | Saratoga Springs, CA | 1 | CDF | Fresh firefighter on 10 ac brush fire in June. | Firefighter either overcome by carbon monoxide or had a heart attack. |
| 1979 | Santa Clara Ru, CA | 1 | CDF | Unknown | Died of heat stroke. |
| 1982 | Humboldt Ru, CA | 1 | CDF | Unknown | Died of heart attack while walking his crew to fire. |
| 1983 | Ft. Yukon, AK | 1 | BLM | N/A | Firefighter died of heart attack while in fire camp. |
| 1987 | Klamath NF, CA | 1 | BIA | Unknown | Died of heart attack. |
| 1987 | Inverness, FL, Vol. FD | 1 | PVT. | Unknown | Heart attack while pulling hose at a brush fire. |
| 1987 | Summit, MS, Sunnyhill Vol. FD | | PVT. | Unknown | Heart attack while responding to fire. |
| 1987 | Cisco, TX, Cisco Vol. FD | 1 | PVT. | Unknown | Heart attack after operating at a grass and brush fire. |
| 1987 | Azle, TX, Spillway Vol. FD | 1 | PVT. | Unknown | Heart attack at a grass fire. |
| 1987 | Swansea, MA, Vol. FD | 1 | PVT. | Unknown | Heart attack at a brush fire. |
| 1987 | East Bernstadt ,KY, Vol.FD | 1 | PVT. | Unknown | Heart attack at a woods fire. |
| 1988 | Sebring, FL, Vol. FD | | PVT. | Unknown | Heart attack while responding. |
| 1988 | Forestry Dept., SC | | PVT. | Unknown | Stroke while issuing a summons at a grass fire. |
| 1988 | San Antonio, TX, Vol.FD | 1 | PVT. | Unknown | Heart attack while returning from grass fire. |

| 1988 | Timber Lake, SD, Vol.FD | 1 | PVT. | Unknown | Heart attack while using hand tools at grass fire. |
|------|---------------------------------|----|---------------------|----------------------------------|--|
| | Birmingham, AL | | Other | Unknown | Heat stroke while checking flanks in woods fire. |
| 1988 | Hood River, OR, Vol. FD | | PVT. | Unknown | Heart attack while pulling hose. |
| | Wenatchee NF, WA | 1 | USFS | Unknown | Died of heart attack in camp. |
| 1989 | Ghent, NY | 1 | PVT. | Unknown - volunteer | ' |
| 1989 | | | PVT. | | Heart attack while responding to fire. |
| 1989 | Wood Lake, MN | | t | Unknown - volunteer | Heart attack while setting up water tank. |
| 1989 | Bent, NM | 1 | PVT. | Unknown - volunteer | Heart attack at brush fire. |
| 1989 | Conneaut Lake, PA | 1 | PVT. | Unknown - volunteer | Heart attack while resting after using fire rake. |
| 1989 | Athens, AL | | PVT. | Unknown - volunteer | Heart attack while rolling hose after fire. |
| 1989 | Jacksonville, AR | | PVT. | Unknown - volunteer | Heart attack while rolling hose after fire. |
| 1990 | AK | | USFS | Unknown | Died of heart attack. |
| 1990 | Snowshoe Fire Malheur, NF,OR | 1 | USFS | Unknown | Died of stroke. |
| 1990 | Shasta Trinity NF, CA | 1 | CDF | Unknown | Died of heart attack. Pick up labor. |
| 1990 | Wellston, OK | 1 | PVT. | Unknown-volunteer | Heart attack. |
| 1990 | Los Padres NF, CA | 1 | USFS | Unknown- Ynez Fire | Pulmonary embolism resulting from fall. |
| 1990 | Quincy, FL | 1 | PVT. | Unknown- volunteer | Heart attack while responding to brush fire. |
| 1990 | Wichita, KS | 1 | PVT. | Unknown- Sedgwick Co. Fire Dept. | Heat Stroke at a grass fire. |
| 1991 | Marysville, KS | 1 | PVT. | Unknown - volunteer | Heart attack at prairie fire. |
| 1991 | New Buffalo, MI | 1 | PVT. | Unknown - volunteer | Heart attack responding to grass fire. |
| 1992 | Fond Du Dic, WI | 1 | PVT. | Unknown | Died of heart attack while building line on grass fire. |
| 1992 | Glenwood Springs, CO | 1 | PVT. | Unknown | Died of heart attack while picking up equipment on fire. |
| 1993 | Lulkin, TX | 1 | PVT. | Unknown | Volunteer died of a heart attack. 1-31-93 |
| 1993 | Monhiggan Lake, NY | 1 | PVT. | Unknown | Volunteer died of a heart attack. 7-9-93 |
| 1993 | Florahome, FL | 1 | PVT. | Unknown | Volunteer died of a heart attack. 8-15-93 |
| 1994 | Tuskegee, AL | 1 | USFS | Unknown | Heart attack |
| 1994 | Trendon, MI | 1 | Volunteer | Unknown | Heat attack |
| 1994 | Tyee Fire Wenatchee, N.F., WA | 1 | Contractor, USFS | Unknown | Heart attack - Water tender driver suffered a fatal heart attack while on stand - by in a staging area. Age 58. |
| 1995 | Tennesse | 1 | TSF | Unknown | Heart attack |
| 1995 | Era, TX | 1 | Volunteer | Unknown | Heart attack |
| 1995 | Malo, WA | 1 | Volunteer | Unknown | Heart attack |
| 1995 | So. China, ME | 1 | Volunteer | Unknown | 67 year old town forest fire warden. Died of a heart attack while walking up the flank of a one acre fire towards his truck. |
| 1995 | Gallupville, NY | 1 | Volunteer | Unknown | Heart attack |
| 1995 | GreenBriar, TN | 1 | TSF | Unknown | Heart attack |
| 1995 | Princess Anne, MD | 1 | Contractor | Unknown | Heart attack |
| 1995 | E. Providence, AL | | Volunteer | Unknown | Heart attack |
| | Mariette, OK | | Volunteer | Unknown | Heart attack |
| 1996 | Castle, OK | | Volunteer | Unknown | Heart attack |
| 1996 | Golden City, MO | | Volunteer | Unknown | Heart attack |
| 1996 | Fruitland, UT | 1 | Volunteer | Unknown | Heart attack |
| 1330 | · | 90 | v Oldi ileel | OTHOROWIT | I TOUT AMAIN |
| L | Total | 80 | l . | | |





AIRCRAFT ACCIDENT

| DATE | FIRE NAME / LOCATION | No. | AGENCY | FIRE BEHAVIOR OBSERVED | REMARKS |
|------|---|-----|------------------------|------------------------------|---|
| 1959 | Sequoia NF Tule River RD, CA | 1 | USFS | Unknown | Aircraft crash. Fire in canyon between rock bluffs. Pilot volunteered to dive low and drop in hazardous condition. |
| 1959 | Sequoia NF, CA Tule Indian Reservation | 1 | CDF | Unknown | Aircraft crash. Airtanker came over ridge for drop and clipped ridge. Reservation protection provided by USFS. c1959/60 |
| 1960 | Millard Fire, Angeles N.F., CA | 1 | Unknown | Unknown | AT 6 Airtanker crashed killing pilot |
| 1959 | Woodwardia five, CA | 2 | Unknown | Unknown | Airtanker dropped killing Native American crew members. |
| 1961 | Sequoia NF, CA Cannell Mdw RD | 3 | USFS | Unknown | Helicopter Crash (Bell 3-GB). Recon. of fire; crashed returning to base due to no fuel. |
| 1961 | Higgins Ridge, UT | 1 | Utah State | Unknown | Walked into main rotor. |
| 1967 | Livingood, AK. | 2 | BLM Contractors | Unknown | B - 25 airtanker crash due to late pull - out during retardant drop on fire. |
| 1968 | McGrath, AK. | 4 | BLM and Contractors | Unknown | PB4Y2 airtanker crash enroute to fire after a reload. (Three crew persons and one BLM observer killed.) |
| 1969 | Six Rivers NF, CA | 1 | USFS | | Helicopter Crash. |
| 1970 | Los Padres NF, CA | 5 | USFS | | Helicopter Crash. |
| 1970 | Rohnerville, CA | 1 | CDF | | Airtanker Crash (F7F). Failure on takeoff. |
| 1970 | McGrath, AK. | 5 | BLM and Contractors | N/A | Four BLM Firefighters and co-pilot killed when overloaded DC-3 had an engine failure and crashed during takeoff-22 survived crash, but were seriously injured. Enroute. |
| 1971 | Lake Minchumina, AK. | 1 | BLM | Unknown | Firefighter struck by main rotor while exiting helicopter after emergency landing due to engine failure. |
| 1972 | Bear Fire Las Padres N.F., CA | 7 | BLM Contractors | Unknown | Evergreen 205 crashed killing the pilot and 6 members of a handcrew. |
| 1973 | Tuolumne - Calaveras Ru, CA | 1 | CDF | Unknown | Died in helicopter crash. |
| 1973 | Eureka, NV. | 2 | BLM Contractors | Unknown | B-17 air tanker crashed when severe turbulence was encountered while in low altitude, slow air speed phase of fire misson. |
| 1974 | Mt. Hood NF, OR | 2 | USFS | | Helicopter crash. |
| 1974 | Lindsay Fire Coronado N.F., CA | 1 | USFS | Unknown | Aircraft crash. Air tanker making a drop. Class G fire. |
| 1974 | Kiana, AK | 1 | BLM Contractors | N/A | A piper twin engine being used for air attack crashed attempting take off with only one engine, only the pilot aboard. |
| 1974 | Boise, ID | 1 | BLM Contractors | N/A | B-26 airtanker collided w/another aircraft while taxing for take off on fire mission, pilot killed. (Pilot of other aircraft [non-fire related] was also killed. |
| 1975 | R5 | 3 | Contractors | | C-128 Recon. Crash 9/19/75 |
| 1975 | R4 | 2 | | | B-17 Crashed 7/1/75 |
| 1975 | R8 | 2 | | | AC500 Spun, crashed 7/22/75 |
| 1976 | R10 | 2 | | | 47G3B1 Crashed 7/17/76 |
| 1976 | R1 | 1 | | | B-26 Crashed 7/18/76 |
| 1976 | Grand Junction, CO. | 1 | BLM | Unknown | B-26 Contract pilot killed on retardant run. |
| 1977 | R5 | 1 | | LA County Fire Dept. 7/24/77 | 205/212 Midair with NVG 7/24/77 |
| 1977 | R10 | 1 | | | Hiller Tongass NF 7/28/77 |

| 1977 | Middle Fire Angeles N.F., CA | 2 | L.A. County | Unknown | Helicopter night flying, one helicopter landed on top of the other at helibase. |
|------|------------------------------|----|------------------------|--------------------------------------|--|
| 1978 | San Luis Obispo Ru, CA | 1 | CDF | Unknown | Died in the crash of "Airco 53". |
| 1978 | CA | 3 | CDF | | 8/18/78 |
| 1979 | NC | 1 | | | 3/27/1979 North Carolina DNR |
| 1979 | R1 | 10 | | | DC-3 Double engine failure 6/11/79 |
| 1979 | R5 | 1 | | | GS-2 Stall spin on drop run 6/13/79 |
| 1979 | R1 | 2 | | | B-17 7/21/79 |
| 1980 | Seguoia NF Hume Lake, CA | 3 | USFS | | Aircraft crash. Recon. flight for smokes. |
| 1980 | R4 | 1 | | | AC 500 Crashed in high canyon. |
| 1980 | Ely District BLM - NV | 4 | BLM and Contractors | Unknown | Light fixed crashed killing pilot and 3 district fire personnel. People in the plane were attempting to drop a message to fire crews on ground, message got caught in tail of plane causing it to crash. |
| 1981 | R5 | 2 | | | DC-4s Midair collusion 12/2/80 |
| 1981 | R5 | 4 | | | BE 58P Crashed after takeoff 5/11/81 |
| 1981 | R5 | 2 | | | C-119 Wing separation in flight 7/8/81 |
| 1981 | Paul, ID. | 3 | BLM | Unknown | C-182 Aircraft struck elec. wire. 3 killed. |
| 1981 | GA | 1 | State | | 2/1/1981 Georgia Forestry Dept. |
| 1981 | NC | 1 | State | | 5/15/1981 North Carolina Forestry Service |
| 1982 | CA | 1 | CDF | | 7/27/1982 CDF |
| 1983 | R8 | 1 | | | B-26 Hit tree on drop run 3/5/83 |
| 1983 | R2 | 2 | | | C-210 Stall/spin into canyon 9/9/83 |
| 1984 | R3 | 2 | | | C-337 Hit tree and crashed 7/23/84 |
| 1984 | R1 | 1 | | | 206B Helitorch Cable Foul 8/22/84 |
| 1985 | | 2 | | | 7/29/85 |
| 1986 | Montrose, CO | 4 | BLM | Unknown | SA-3158 struck elec. wire, 4 killed. |
| 1987 | CA | 1 | CDF | Unknown | Pilot killed in S-2 tanker crash. |
| 1987 | Shasta Trinity NF, CA | 3 | USFS | Unknown | Pilot & crew of C-119 killed, plane broke apart on retardant run. |
| 1987 | White Sands, NM | 2 | PVT. | Unknown US Army- Contract | Dropping retardant when plane crashed. |
| 1988 | | 1 | USFS | | 8/12/1988 FS |
| 1988 | WA | 2 | DNR | | 9/9/1988 Washington DNR |
| 1988 | WY | 1 | Other | Unknown | Aircraft accident killed contractor. |
| 1988 | WA | 2 | Other | Unknown | 2 Canadians killed in aircraft accident. |
| 1988 | WY | 1 | BLM | Unknown | BLM employee killed in aircraft accident. |
| 1988 | Sequoia NF, CA | | USFS | Unknown - Havilah Fire | USFS employee killed in aircraft accident. |
| 1988 | OR OR | _ | USFS | Unknown | USFS employee killed in aircraft accident. |
| 1988 | Wenatchee NF, WA | | DNR | Unknown - Contractor- Dinkleman Fire | Helicopter crash while making water drops. |
| 1990 | Silver Crk. Colville Reserv. | 1 | Other | Unknown | Helicopter contractor. |
| 1990 | Olympic NF, WA | 2 | USFS | Unknown- Contractor-Wynoochee Fire | Aircraft crash while water dropping. |
| 1990 | Ziplock Fire, Cibola NF, NM | + | USFS | Unknown | Regional lead plane pilot, Beechcraft lead plane, leading air tanker 119 pulled up after retardant run, started left turn & continued roll left till almost inverted, nose down. |

| 1991 | Stanisluas NF, CA | 1 | USFS | Unknown - Contractor-Pine Fire | Helicopter Crash lowering water tanks. |
|------|--|-----|---------------------|------------------------------------|--|
| 1991 | MT | 2 | USFS | Unknown - Contractors | Aircraft crash while enroute to Missoula fire center. |
| 1992 | Calaveras Co., CA Tuolumne - Calaveras Ru | 1 | CDF | Unknown | Pilot killed. S-2 Airtanker |
| 1992 | El Dorado NF, CA | 2 | Contract | Unknown | Aircraft accident |
| 1992 | Rogue River NF, OR | 4 | USFS | 1- Contract Pilot 3- FS passengers | Aircraft Accident- Plane iced up, lost control. |
| 1994 | Guide Fire Gila, N.F., N.M. | 3 | USFS | Unknown | Helicopter crash - Firefighters and one pilot died when helicopter crashed. They were on an initial attack mission. |
| 1994 | Bulter Cr. Fire Missoula, MT | 2 | Contractor, USFS | Unknown | Airtanker crash - Airtanker crashed while working on Bulter Creek Fire. |
| 1994 | Angeles, N.F., CA | 3 | Contractor, USFS | Unknown | Airtanker crash - C-130 airtanker was headed to drop retardent on brush fires and crashed. All three crew members died in crash. |
| 1994 | Chicken Complex Payette N.F., ID | 1 | Military, USFS | Unknown | Helicopter crash - Military chinook helicopter crashed on the chicken complex killing one military flight crew member. |
| 1995 | Ramona, CA | 3 | FS Contractor | Unknown | Aircraft accident - Two firefighting planes involved in a mid - air collision. Aircrafts were returning from the Butterfield Fire and in the process of landing. |
| | Total | 153 | | | |

INFLICTED INJURY

| DATE | FIRE NAME / LOCATION | No. | AGENCY | FIRE BEHAVIOR OBSERVED | REMARKS |
|------|------------------------------|-----|----------|---|--|
| 1946 | Council, ID | 1 | USFS | Unknown | Jumper fatality. Was killed by snag. 7-5-46 |
| 1959 | Scott Fire, El Dorado Ru, CA | 1 | CDF | Unknown | Killed by a rolling rock. |
| 1960 | Siskiyou NF, CA | 1 | USFS | Unknown | Snag fell on firefighter. |
| 1961 | Clearwater NF, ID | 1 | USFS | Unknown | Smoke chaser fire. Firefighter killed by snag. |
| 1971 | Banks, AR | 1 | Other | Medium fuels, mod. winds, very high FDR. | Man was knocked unconscious by falling tree. He was fatally burned. |
| 1972 | Harris Ridge, ID | 2 | Other | Steep, rocky terrain, dry fuels and thunderstorms caused squirrelly winds. | Two men on fireline. A rolling log hit them and they rolled into the fire, dying of suffocation. |
| 1985 | 5 Mi. Fire, Wenatchee NF, WA | 1 | BIA | Unknown | Struck by snag. |
| 1986 | Ace Creek Fire | 1 | ? | Unknown | Struck by snag. |
| 1987 | Hamm Fire, Stanislaus NF, CA | 1 | USFS | Unknown | Killed by snag he was falling. |
| 1987 | Six Rivers NF, CA | 1 | Other | Unknown | CCC killed when snag struck vehicle. |
| 1987 | Okanogan NF, WA | 1 | Contract | Unknown- Reynolds Creek Fire | Contractor killed by tree he fell. |
| 1988 | Fayetteville, NC | 1 | Pvt. | Unknown | VFD employee killed by falling tree. |
| 1988 | Shoshone NF, WY | 1 | BLM | Unknown- Clover Fire | Killed by falling tree. |
| 1988 | MT | 1 | Other | Unknown | Killed by a falling tree. |
| 1988 | Flathead NF, MT | 1 | BIA | Unknown- Red Bench Fire | Struck by falling snag. |
| 1989 | CA | 1 | CDF | Unknown | Killed by a falling tree. |
| 1989 | Los Padres NF, CA | 1 | State | Unknown - CA inmate crew | Killed by snag. |
| 1990 | Mendocino NF, CA, Recer Fire | 1 | CDF | Snag patch. Crews were warned of snag problems, but not aware of full extent. | Died of head injury inflicted by snag. Tree struck firefighter as he was packing hose up fireline. |
| 1991 | Routt NF, CO | 1 | USFS | Small fire, completed line. | Two firefighters had just completed lining a small fire, they were taking a rest on the line, a snag fell out of the perimeter, striking one man on chest. |
| 1992 | Boise NF, Cascade, ID | 1 | USFS | Unknown | Killed by falling tree on fireline. Killed by falling tree. |
| 1992 | Pryor Fire, Willamete NF, OR | 1 | State | Unknown | |
| | Total | 22 | | | |

